Mr. Henry H. Saylor,
1741 New York Ave. N.W.,
Washington 6, D.C.

E R

WEEKLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

THE AMERICAN INSTITUTE OF ARCHITECTS

OFFICERS
ALDEN B. DOW, President
ROBERT B. FRANTZ, 1st V.-President
CARL C. F. KRESSBACH, 2nd V.-President
RALPH W. HAMMETT, 3rd V.-President
JOSEPH W. LEINWEBER, Secretary
ARTHUR J. ZIMMERMANN, Treasurer
TALMAGE C. HUGHES, Exec. Sec.

TALMAGE C. HUGHES, F.A.I.A., Editor
120 Madison Avenue
Detroit 26
WOodward 5-3680

THEODORE G. SEEMEYER, JR.
Advertising Director

DIRECTORS
ROGER ALLEN
LEO M. BAUER
WELLS I. BENNETT
ADRIAN N. LANGIUS
CHARLES B. McGREW
JOHN C. THORNTON
DAVID H. WILLIAMS, JR.

Entered as second class matter January 15, 1946, at Postoffice at Detroit, Mich., under Act of March 3, 1879. Published weekly
Subscription price $2 per year. (Members $1.00). 5c per copy.

Volume XXIII — DETROIT, MICHIGAN, February 1, 1949 — No. 5

ARCHITECTS PREVIEW CIVIC CENTER MODEL

ELIEL AND EERO SAARINEN EXPLAIN EVOLUTION OF ITS DESIGN

Mr. Eero Saarinen, of Saarinen Saarinen & Associates, was the principal speaker at the meeting of the Detroit Chapter of The American Institute of Architects, at its meeting on January 21. The meeting began with a dinner in the Rackham Building, following which members adjourned to The Detroit Institute of Arts where the final model of the Saarinens' design for Detroit's proposed civic center was on display.

At the dinner Mr. Joseph W. Leinweber, vice-president of the Chapter, presided, in the absence of President Williams, who is ill. Mr. Leinweber reported briefly on the Chapter Board meeting which was held just prior to the dinner. He announced the election to corporate membership in The Institute and the Detroit Chapter of Werner B. Anderson, John L. Murphy and Clifford N. Wright. He also reported Chapter approval of corporate applications of Eliud John Knapp, James B. Morison and Joseph W. Platner. New Associates elected are Severn J. Danilowicz, Walter Kenso Kagawa, Fuad S. Hassan, Harold R. Pettipher and Benjamin E. Rine.

James Morison is the son of Andrew R. Morison. Mr. Knapp, with Smith, Hinchman & Grylls, is the brother of the secretary of the Weekly Bulletin, Louise Knapp.

Acting president Leinweber also announced that six Chapter members had been dropped for non-payment of dues, both in The Institute and the Chapter.

Another action taken by the Board was the acceptance of the resignation of Roger Bailey as Director. Professor Bailey recently went to Salt Lake City as Head of the Department of Architecture at the University of Utah. Mr. Malcolm R. Stirton, of the office of Harley, Ellington and Day, Inc., Architects and Engineers, of Detroit, was unanimously elected to fill the two-year unexpired term of professor Bailey.

Further report from Mr. Leinweber revealed that the Chapter will participate in the exhibition and competition held by The Institute at Houston in connection with its Annual Convention, March 15-18, 1949. He requested members to submit material to the Chapter secretary, Mr. Carl B. Marr, 415 Brainard Street, Detroit, not later than February 20.

Leinweber stated that Professor Emil Lorch had been named Chairman of a special committee to prepare a program to memorialize our beloved deceased member, Mr. George D. Mason.

The Chapter was honored by the City Plan Commission of Detroit in being permitted to have a preview of the final model of Detroit's proposed Civic Center, prepared by Mr. Eliel Saarinen, Consultant to the Commission. Guests of the Chapter were most of the Commission members, including President Willis Hall, Miss Helen Fassett, member of the Commission and of the Detroit Chapter. She is also secretary of the Architects' Civic Design Group of Metropolitan Detroit. Other members present: Ernest O. Knight, Edmund Kuhlman, Milton Selander, Edward M. Walker, Dr. A. H. Whittaker, and George F. Emery, Secretary-Planner. Besides the two Saarinens, other guests were Mr. Edgar P. Richardson, Director of The Detroit In-

(See CIVIC CENTER, Page 6)

HOTEL RESERVATIONS, M. S. A. ANNUAL CONVENTION

Those expecting to attend the Michigan Society of Architects' Thirty-Fifth Annual Convention at Hotel Statler, Detroit, March 3 and 4, 1949, should request room reservations now. The Statler has set aside the same number of rooms as last year, but this is certain to be much better attended. Unless requests are made soon the Hotel may not be able to accommodate all.

Because of the different method of electing officers, no ballots will be sent members. This obviates any direct mailing, so no reservation cards will be sent. This notice in the Weekly Bulletin will serve as the only warning that you had better make your requests direct to the Statler, as soon as possible.

Following are the Statler's Rates.

Room and Bath, for One—per Day
Shower—3.50, 4.00, 4.50, 5.00
Tub & Shower—6.00, 6.50, 7.00, 7.50, 10.50

Double-Bed Room with Bath, for Two—per Day
Shower—6.50, 7.00
Tub & Shower—7.50, 8.00, 8.50, 9.00, 9.50, 12.50

Twin-Bed Room with Bath, for Two—per Day
Shower—7.50
Tub & Shower—8.50, 9.50, 10.00, 10.50, 13.00

SUITE—Living Room, For One: 13.50, & 22.50
Bed Room and Bath, For Two: 16.50 to 25.00

More Than Two Persons in One Room: For each additional person in Double or Twin-Bed the extra charge is $2.25 per day.

THE 1949 MICHIGAN ARCHITECTS' EXHIBIT

Each year about this time Architects throughout the State begin looking forward to the Michigan Society of Architects' Annual Convention. They like to meet old friends, attend interesting seminars and discover what their fellow practitioners are doing in the way of architecture. Through the many turbulent years just past, not many occasions have allowed such enjoyment. So, this year the architects of Michigan will have a colorful, stimulating exhibit at The Detroit Institute of Arts. It will last three weeks, from February 16, to March 6 and will be on at the time of the Society's 35th Annual Convention, March 3 and 4.

President Dow urges full cooperation of all members of the Society.

Most general types of buildings, group planning, city planning and housing will highlight the show. As stated in the Bulletin of January 18, all architects and planners in the State are invited to submit work in the form of drawings, models or photographs. All material must be in by February 7. Already a large number of architects and planners have contributed their services. Another large group will continue on the project. The spirit is excellent. Earl W. Pellerin is Chairman. Committees are as follows:

Steering Committee: William Woolfenden, Helen Fassett, Talmage Hughes, Donald Munson, Earl Pellerin.

Design: Harry Morris and Frank Montana, Co-Chairmen; George Harris, Stanley Fleischaker, Paul Brown, Jonathan Taylor, Warren Platner.

City Planning: Donald Munson, Chairman; L. M. Wetzel, Dorothy Taylor, Fred Sevald, Louis Redstone, Phil Brezner, Lynn Smith, Alden Smith.

List of other committees will occur in future issues of the Bulletin. An annual exhibit can and will be a wonderful thing for the profession and the public. So, let us have the backing of everyone in every possible way.

DETROIT CHAPTER TO HEAR EDGAR KAUFMANN FEBRUARY 16

The February meeting of the Detroit Chapter, A.I.A., will be held on Wednesday, Feb. 16, when members will join with The Metropolitan Art Association for a program in the Lecture Hall at The Detroit Institute of Arts. The speaker will be Mr. Edgar Kaufmann, Jr., Director of Industrial Design at the Museum of Modern Art, in New York City. His subject will be "What is Happening to Modern Architecture."

The lecture will be preceded by a dinner in the Rackham Building, at 7:00 p.m. Members will please note that the dinner has been scheduled a half-hour later than usual because the lecture will begin at 8:30, instead of 8:00 p.m. as has been the custom.

The Chapter's Board of Directors believe this program to be outstanding enough to warrant subsidizing the cost of tickets to those attending the dinner. Single tickets to the lecture are $1.00, but the Chapter has made arrangements with the Art Association whereby dinner tickets will include admission to the lecture.

An authority on modern architecture and industrial design, Mr. Kaufmann was trained at the Kunstgewerbe Schule in Vienna, Austria. He also studied under Frank Lloyd Wright and Victor Hammer. The author of many critical articles in leading art publications, he participated in a recent symposium on modern architecture at the Museum of Modern Art. His theme in Detroit will be developed from the principal topic of discussion at the symposium, namely, the present-day reaction against the so-called "International Style."

ROOFING GUARANTEES

A letter from Detroit Sheet Metal and Roofing Contractors Association, Inc., 622 E. Fort St., Detroit, Mich.

For many years, on a misguided merchandising basis and without justification, roofing contractors have been issuing guarantees for periods up to twenty years. This practice, unfortunately, has lead to an inclination on the part of the roofing industry's customers to buy guarantees instead of roofs.

In the interest of developing higher standards of practice in the roofing industry, the membership of the Detroit Sheet Metal and Roofing Contractors Association and many of our competitors who are non-members have adopted a policy where they will, starting January 1, 1949, limit their responsibility, on all services they perform, to two years.

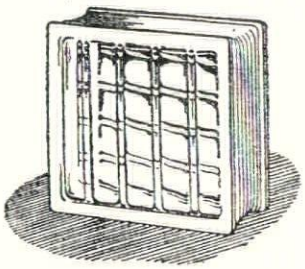
This is in line with the national trend. The entire area of the country from Kansas City westward and many cities in the eastern area such as Milwaukee have been observing this policy for a number of years.

Manufacturers' Surety Bonds will still be available although the trend, nationally, is for their abolishment and we anticipate that they will be eliminated in the not too distant future.

We are extremely interested in having the specifications originating in the offices of your members conform to this policy. Should you desire it, a meeting of a committee representing your organization could meet with our committee on guarantees early in January for a discussion of this new policy.

Assuring you of our cooperation in the interest of better roofing and sheet metal work, we are

Sincerely yours,
Thomas A. Marshall, President



GLASS BLOCK for YOUR PLANT-Now!

Critical materials are not required to erect glass block panels in that new plant addition—or in replacing wornout sash in existing buildings. Get Insulux Glass Block — without delay.

Cadillac Glass Co.

VA. 2-4940 2570 HART AVENUE DETROIT

SPECIALIST IN BUILDERS HARDWARE
Since 1875
THE RAYL COMPANY
228 Congress St. W.
Distributors for Yale

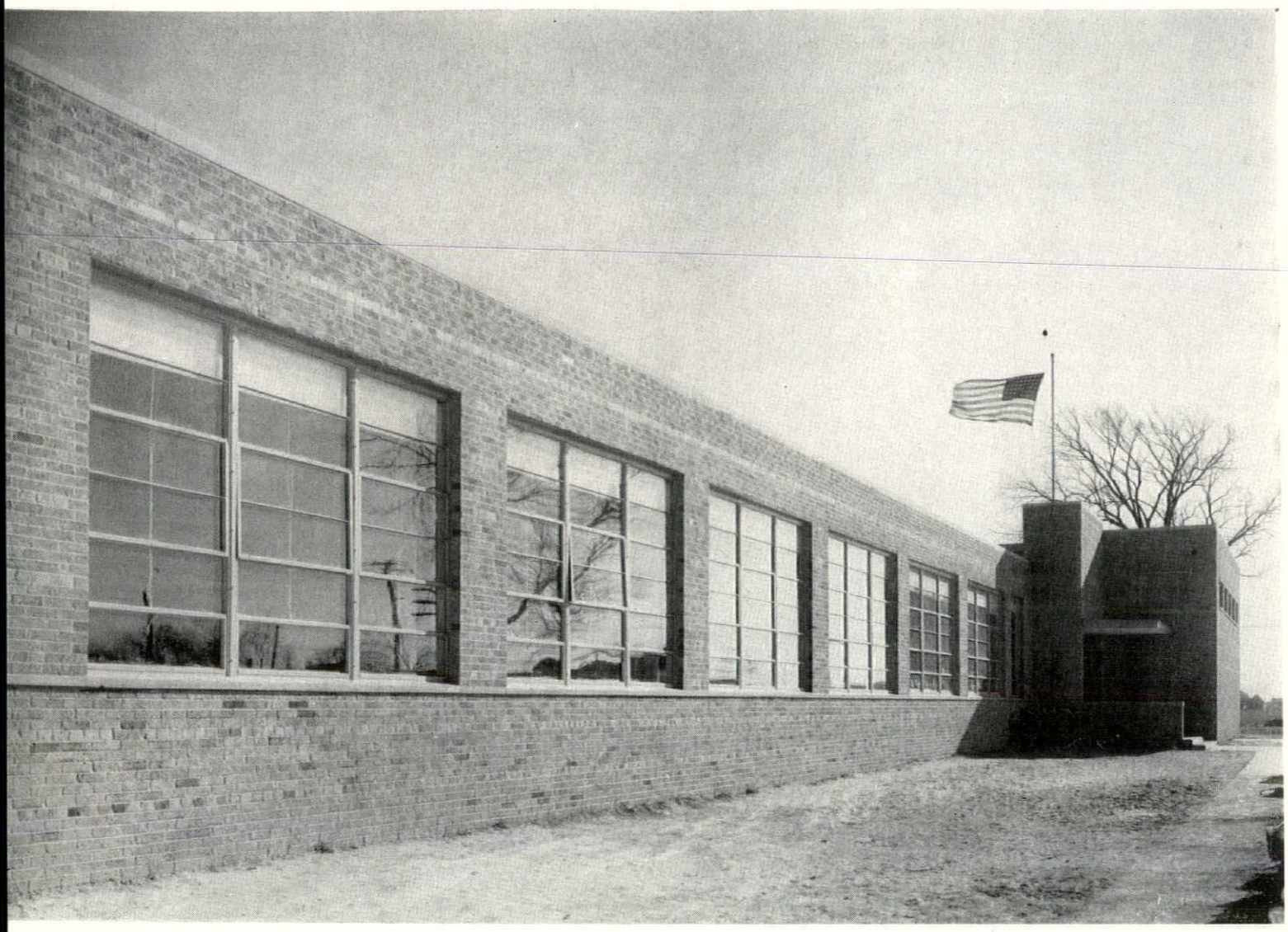
F. H. MARTIN CONSTRUCTION CO.
CAdillac 4890
955 E Jefferson Ave. Detroit, Michigan

• SHEET METAL
• VENTILATING
• AIR CONDITIONING
DEN BRAVEN ESTABLISHED 1912
HOgarth 7494
M. DEN BRAVEN CO.
9080 ALPINE AVENUE
DETROIT 4, MICHIGAN

THE COUNTY LINE SCHOOL

15 Mile Road and Dequindre, Macomb County, Michigan

LOWELL M. PRICE, A.I.A., ARCHITECT AND ENGINEER



LOWEST COST SCHOOL BUILDING BUILT IN MICHIGAN

LIMITED BUDGET CHALLENGES ARCHITECT'S INGENUITY TO DESIGN STRUCTURE

BY LOWELL M. PRICE, A.I.A.

LOWELL M. PRICE, A.I.A.
Architect & Engineer
Royal Oak, Michigan

•

DeMARE BROS. & CO.
General Contractors
Detroit, Michigan

•

JOHN S. COBURN
Photos
Detroit, Michigan

When the old frame schoolhouse together with its many "temporary" frame additions burned last year, the school board at this district indeed faced a problem.

With many students already being transported to neighboring school districts because of the lack of school housing and the necessary funds to provide same, the school board had many problems before the big fire.

The low equalized valuation of the district of small homes and the bonding limitation as established by the state plus the fire insurance limited the expenditure to $100,000.00.

After the board talked to several architects and the Department of Public Instruction they realized that this sum was woefully inadequate, to say the least.

They came to me about this time and asked if I would do what I could to provide school facilities for 400 children within the budget available.

It seemed like a hopeless task, but I felt that it was a challenge, an expedient that must be met in keeping with an architect's responsibility to the public. Therefore, it was decided to attempt to provide the opportunity for 400 children to have the best possible school facilities within the financial ability of the district.

The school is purely an expedient.

The plan is "L" shaped, consists of nine oversized class rooms and a multipurpose room 40'x70', plus the toilet rooms, offices, kitchen, etc. It is the lowest cost school building built in Michigan during the past year; I have been assured by several authorities. It

provides community facilities for parties and town hall meetings the district had entirely lacked before.

The cost per sq. ft. was $7.00, or 47c per cu. ft. If completely finished with all finish which was omitted such as finish flooring, painting, etc., the costs will be $8.50 per sq. ft. and 57c per cu. ft.

The outside walls are face brick with cinder block exposed to the interior, concrete floor slab on gravel fill, steel columns and roof beams with steel roof joist and gypsum roof slab with built up composition roofing.

The heating system is forced hot water, automatically controlled.

I hope my brother architects will approve the result after they realize the problem faced. Albeit, both the district, many other school boards and even the bonding companies have enthusiastically approved. I reiterate, it was an expedient.

"Better Build Schoolrooms
for 'The Boy,'
Than Cells and Gibbets
for 'The Man.'"

—ELIZA COOK
1817-1889

—o—

CINDER BLOCK, INC.
Established 1923
Cinder Blocks
9143 Hubbell Ave., Detroit 28 VE. 8-3200

DeCROUPET IRON WORKS
Established 1873
Beams, Columns, Lintels, Steel Door Frames, Steel Stairs & Railing, Pipe Rail on Concrete Stair
501 E. Ten Mile Rd. Royal Oak, Mich. JO. 4-6666

DeMARE BROS. & CO.
General Contractors
Commercial & Industrial
6345 Lyndon Ave., Detroit 21 UN. 3-4154

DETROIT STEEL PRODUCTS CO.
FENESTRA Steel Windows & Doors
2250 E. Grand Blvd., Detroit 11 TR. 2-5275

GYPSUM CONSTRUCTORS, INC.
Poured in Place
Gypsum Roof Decks
2240 Middlebelt Rd. Garden City, Mich. Middlebelt 5513

JONES ELECTRIC SHOP
Established 1925
All Electrical Work, Power & Light
228 E. Saratoga Ave. Ferndale 20, Mich. Royal Oak 3331

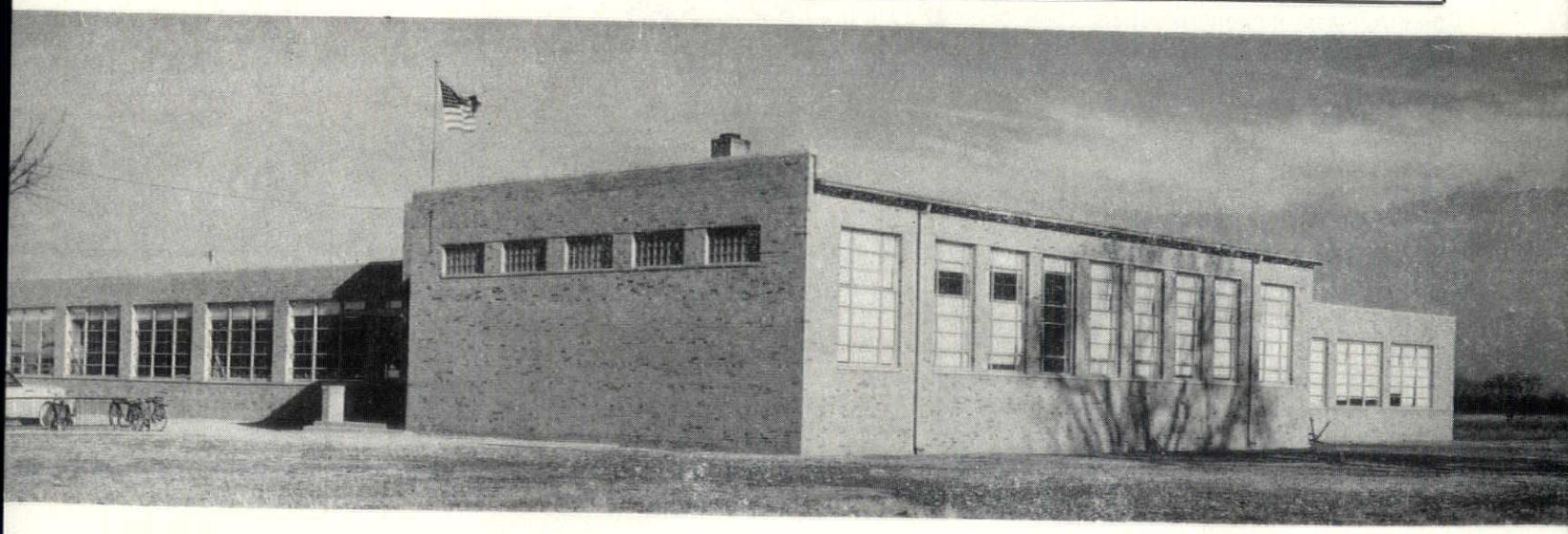
LLOYD S. THORNTON CO., INC.
Commercial & Industrial Plumbing, Heating & Ventilating
420 South Woodward Ave. Birmingham 285
Birmingham, Mich.

McBRIDE HARDWARE CO.
Finish Hardware
128 South Woodward Ave. Birmingham 255
Birmingham, Mich.

RAYNER ROOFING CO.
Roofing & Sheet Metal Contractors
7707 Lyndon Ave., Detroit 21 UN. 4-1700

NG PAST YEAR

PER CU. FT.



CIVIC CENTER, from Page 1

stitute of Arts, and Mr. Hawkins Ferry, Honorary Curator of Architecture at The Institute.

In turning the program over to Mr. Henry F. Stanton, Chairman of the Chapter's Committee to Cooperate with the Detroit City Plan Commission, Mr. Leinweber stated that the Committee had done an outstanding job, even if it had been somewhat heckled by the newspapers.

Other members of Stanton's Committee are Messrs. Cleland, Ditchy and Kapp. Ditchy was Chairman until recently. The Plan Commission has given considerable credit to the Committee for its splendid cooperation. It was at the recommendation of the Committee that Mr. Saarinen was retained, resulting in the work which the Chapter was privileged to view and hear about on this occasion. Mr. Stanton adjourned the meeting to the Lower Gallery of The Detroit Institute of Arts to view the model and hear a talk by Mr. Eero Saarinen, the speaker of the evening.

In the Gallery, some 150 architects and guests viewed the 9'x13' model and about 30 drawings leading up to the final solution. Mr. Stanton stated that the work had taken about two years, that those who had worked on the Committee had considered it a great privilege. He added, "And now it is my very great privilege to present it to you through Mr. Eero Saarinen."

After showing slides of the area as it now exists, and of some European squares, Eero took his audience through the various steps of development, through the use of slides and by reference to the drawings, pointing out the various buildings and their relationship to the scheme as a whole. In a question-and-answer period, Mr. Eliel Saarinen paid tribute to the City Plan Commission for its far-sightedness, stating that they deserved great credit. He singled out Miss Fassett by saying that she was the guiding spirit.

Stanton said that Detroit had been accused of making plans and then putting them on the shelf, adding that "we don't want this to happen in this case."

Mr. Hall stressed the fact that this is a people's project, pointing out that the model had been presented to the Detroit Common Council as the trustees of the citizens. He credited all of the City departments and said "We are all proud of this work, and this is a great event. We want you architects to be not only the watch dogs but champions of the cause. We have a great and rich community, rich in cultural genius, and such projects as this will make our city a more beautiful and a more comfortable place in which to live, and be a monument to that genius and ability."

Following the formal part of the program, attendants gathered around the model, asked questions and showed great interest.

The model has been taken to the J. L. Hudson Company, where it will be on display until February 5, when it will again be shown at The Detroit Institute of Arts. It will form a part of the Architects and Planners Show at The Art Institute, through March 5.

THEODORE ROGVOY, AIA, of Detroit, has been invited to have some of his theatre work published in a forthcoming issue of FILMVERHUURKANTOOR "CENTRAFILM," magazine of the theatre, in Dordrecht, Holland.

This is a nice recognition of the very creditable work Ted has done in the field of cinema houses, not only in the Detroit area but in other American cities as well.

"OVER 65 YEARS"
Robert Hutton & Co., Inc.
ROOFING and SHEET METAL CONTRACTORS
622 FORT ST., E. RAndolph 1073

Brick of Distinction
Thomas Brick & Tile Co.
WAYNE MOHR Mgr
14360 Livernois (4) TOwnsend 8 1354

BEAUTIFUL INTERIORS
are created with wall paper
We have a competent staff, willing to show you the best in style and color, the leading Wall Paper Manufacturers of the country offer.
Let Us Help You
"Ask Your Decorator"
Fisher Wall Paper and Paint Co.
are Michigan's largest wall paper distributors
6 LOCAL BRANCHES IN DETROIT

Westinghouse
AIR CONDITIONING
AND
INDUSTRIAL REFRIGERATION
MECHANICAL HEAT & COLD, INC.
27 Years of Continuous Service
TOwnsend 8-9600
12320 Hamilton Ave., Detroit 3

COLORFUL OHIO SHALE BRICK
For Residential and Commercial Building
Kurtz Brick Company
14183 Wyoming HO. 2384 Detroit

"26th ANNIVERSARY"
WOLVERINE MARBLE COMPANY
MARBLE FINISHERS
AND
CONTRACTORS
DETROIT
TO. 8-7752 TO. 8-7798

NELSON COMPANY
Plumbing, Heating & Air Conditioning Supplies
WHOLESALE
Main Office and Display Room
2604 FOURTH AVE. Phone WO 2-4160
Royal Oak — Grosse Pointe — Ann Arbor

G. A. Odien Equipment Co.
RENTALS
Backhoe Machines, Air Compressors, Trenching Machines.
TYler 4-0100
1935 McGRAW AVE. DETROIT 8, MICH.

DaSacco Bros., Inc.
General Contractors
109 W. Pleasant St. River Rouge 18, Mich.
VInewood 2-8573

Koenig Coal & Supply Co.
CERTIFIED CONCRETE
Concrete — Fuel Oil — Coal
Main Office: 1486 Gratiot Ave. CAdillac 1584

Industrial and Commercial
Air Conditioning and Heating Systems
GENERAL ELECTRIC— AIR CONDITIONING
TODD OIL BURNERS— INDUSTRIAL SYSTEMS
IRON FIREMAN— INDUSTRIAL STOKERS
LEWIS ENGINEERING SERVICE
19003 John R., Detroit 3 TO. 9-1800

DUNN BLUE PRINT CO.
"Specialized Services for Architects"
Main Office
5920 SECOND AVE.
MAdison 2125
Eastside Branch
17110 BRADFORD AVE.
VEnice 9-3900
Westside Branch
16557 JAS. COUZENS HWY.
UNiversity 1-5512

NATIONAL HONOR AWARDS

With further reference to the National Honor Awards, as mentioned in the Weekly Bulletin of January 18, the Detroit Chapter Board has named the office of Secretary Carl B. Marr, 415 Brainard Street, Detroit, as repository for entries. Architects who desire to enter school buildings or residences completed since January 1, 1945, should refer to the Institute document entitled "First Annual Program of National Honor Awards, The American Institute of Architects," mailed to members recently. Entries must be in Mr. Marr's office by February 20. A jury from the Chapter will then screen them and send on to Washington the number of entries permitted the Detroit Chapter.

81st AIA CONVENTION

The 81st AIA Convention will have as General Theme "American Architecture in the Atomic Age."

One thousand architects are expected in Houston, Texas March 15-18 to attend the 81st Annual Convention of The American Institute of Architects.

The men who design America's buildings will listen to nationally prominent speakers on the general theme: "American Architecture in the Atomic Age." They will attend seminars which will consider social and economic trends in American life, new ideas in design and technical developments.

In addition, they will view the entries in the first National Honor Awards program which will include outstanding contributions to modern architecture in residences and schools which have been built since Jan. 1, 1945.

The architects who go to Houston will also have a chance to examine the work of our neighbor to the South. There will be exhibited a selection of designs from the National College of Architecture in Mexico.

Following the convention, many of the architects will fly in special planes directly to Mexico City for a post-convention tour and informal meetings with Mexican architects. They will visit also Acapulco, Cuernavaca and Taxco.

One of the highlights of the convention will be a dinner meeting on the evening of Thursday, March 17 at which Frank Lloyd Wright, distinguished American architect, will receive the Gold Medal of The A.I.A., its highest honor.

Sessions on atomic science by men from various scientific and governmental fields will be concerned with planning, civilian defense and non-military and technical developments.

Meeting just prior to the annual convention at Houston will be the Board of Directors of The Institute, The Association of Collegiate Schools of Architecture, The National Council of Architectural Registration Boards and The National Architectural Accrediting Board.

Wolverine Stone Company
NATURAL STONE FOR ALL BUILDING PURPOSES
14290 Meyers Road Detroit 27, Michigan
Telephone: HOgarth 4295

FREDERIC B. **STEVENS** INCORPORATED
FACE BRICK, GLAZED BRICK, GLAZED AND UNGLAZED TILE, FLOOR TILE—ANTI-HYDRO
For Hardening and Waterproofing Concrete
1800 - 18th St. at Vernor Hwy. TA. 5-0725

R. D. THAYER COMPANY
WATERPROOFING ENGINEERS AND CONTRACTORS
2701 Joy Road — DETROIT (6) — TYler 6-9626
842 Hall St., S.E.—GRAND RAPIDS (7)—Ph. 5-5180

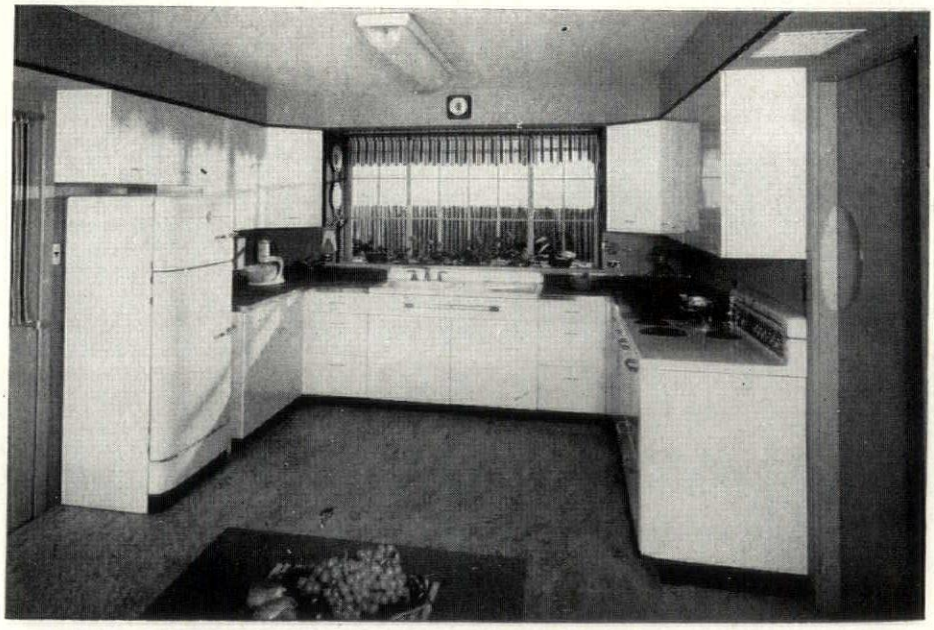
Colorful Brick For Permanence
Tile For Beauty and Economy
Belden-Stark BRICK COMPANY
14305 LIVERNOIS — DETROIT 4
HOgarth 1331 - 1332 - 1333

The Kitchen Most Women Want Most

THE GENERAL ELECTRIC KITCHEN

WE can render you complete planning service on the G-E Electric Kitchen. It's gleaming beauty may include the Electric Sink and Disposall and Dishwasher, Space Saving Refrigerator, Range with Calrod units, Sturdy Steel Cabinets, and even the All-Automatic Washer — ALL GENERAL ELECTRIC.

Call MAdison 9400



General Electric Supply Corporation
680 ANTOINETTE DETROIT 2, MICHIGAN

HANLEY COMPANY
E. F. ZERGA Mgr
CERAMIC GLAZED UNGLAZED FACING TILE
BRICK FLOOR TILE CERAMIC GLAZED TILE
FACE BRICK FLOOR BRICK ACID BRICK
14545 Schaefer VE 7-3200 Detroit 27, Mich.

Detroit Fuel & Supply Co.
Complete Builders' Supplies & Lumber
Producers of Concrete & Cinder Blocks
5625 East Davison Ave., Detroit 12
TW. 1-8400

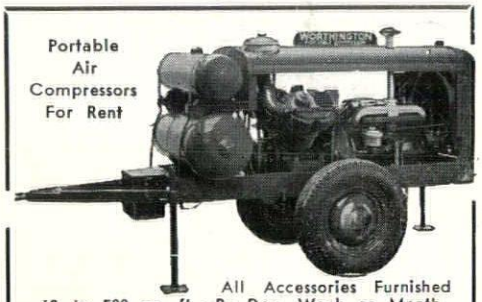
TOwnsend 8-6681 TOwnsend 8-6540
MAURICE V. ROGERS CO.
GENERAL CONSTRUCTION
839 Collingwood Ave. Detroit 2, Michigan

UNiversity 2-3413
DARIN & ARMSTRONG
INCORPORATED
GENERAL CONTRACTORS
2041 FENKELL AVENUE DETROIT

Murray W. Sales & Co.
WHOLESALE
PLUMBING and HEATING SUPPLIES
Flint — Wyandotte — Pontiac
801 W. Baltimore TR. 5-4200

Viking Sprinkler Company
Fire Protection Engineers & Contractors
AUTOMATIC SPRINKLER SYSTEMS
Also a Complete Line of Pre-Action Devices
TE. 1-9604 Detroit 1

Portable
Air
Compressors
For Rent



All Accessories Furnished
60 to 500 cu. ft. - By Day, Week or Month
W. H. ANDERSON CO., INC.
DETROIT, MICHIGAN

Duplicate!
• BLUEPRINTS (Nu-Blue)
• PHOTOSTATS (Sharp)
• PHOTOGRAPHIC MURALS
ENLARGEMENTS • TONING
MOUNTING
Snappy Delivery Service!
CALL FOR OUR SALESMAN
THE MULTI-COLOR COMPANY
629 WOODWARD CA 0666
126 DELAWARE MA 0780

Builders & Traders

Edited by
E. J. BRUNNER
Secretary-Manager
BUILDERS' and TRADERS' EXCHANGE of DETROIT

49ers TAKE OVER

With the annual election and meeting on January 18th, and the organization meeting of the new board of directors on the 21st, the Builders' and Traders' Exchange, of Detroit, gets its new look—the '49 look.

Everett G. Bush of the Chas. Sexauer Roofing Co., president; Ray T. Lyons of Ray T. Lyons Co., and Walter Torbet of Detroit Steel Products Co., vice presidents, leave the board after three years of excellent service.

Mark Atkin of Atkin-Fordon Co., general contractors, becomes the new president. R. Douglas Shaw and George A. Odien become vice presidents. Mr. Shaw of Shaw & Kauth is an electrical contractor and George Odien of George A. Odien, Inc., is an earth-moving and underground construction contractor. Nelson H. Malow becomes the new treasurer.

Three new men appear on the board: Carl W. Dambrun of the Pittsburgh Testing Laboratory; Nelson Malow of the N. H. Malow Co., carpenter contractors; and Joseph C. Wallich of the Wallich Lumber Co.

The six men remaining on the board from last year are Monro Aird, plastering contractor; Mark Atkin; Henry Manley of the H. A. Manley Marble Co.; George Odien; Douglas Shaw, and W. Wilbur White, plumbing contractor.

The annual meeting was quite an affair. Over six hundred men, mostly members, were in attendance at one time or another during the afternoon, although all of the six hundred did not actually sit in the meeting while the reports of the corporation were read.

A successful year was reported with a twenty-five per cent gain in membership, which puts us now within range (field artillery) of the 1000 mark. Not quite that now, the membership has broken all records, but is still nearer 900 than a thousand.

It was reported that the services to the members have been so improved during the past few years that it is not too much to expect a membership of fifteen hundred as soon as firms hear how much the Exchange can and does do for them.

The 1949 Buyers' Guide was reported as being on the presses—"bigger and better than ever before." This book is the handiest and most complete directory of the industry. It is distributed to our own members, to every architectural and engineering firm in Michigan, to many other classifications of business including every branch of the construction industry, and to certain people (having to do with the purchase of construction services) in the other industries of Michigan.

The busiest architectural offices in the state say this book has become indispensable to them and, of course, we are glad to hear them say it. We will be glad to send a copy with our compliments to any person who needs it.

For Beauty and Permanence use . . .
Century Brick Company
PERMA-COLOR FACE BRICK
UNiversity 1-8200
14900 Linwood Ave. Detroit 21, Mich.

H. H. DICKINSON CO.
COMPLETE BUILDERS SUPPLIES
Armored Concrete Curbing
Master Builders Products
HEATILATORS — ASPHALTS
5785 Hamilton Avenue MAdison 4950

CINDER BLOCK INC.
VErmont 8-3200
9143 Hubbell
Detroit 28

INDUSTRIAL
POWER WIRING LIGHT
Grangood Electric Service
ELECTRICAL CONTRACTORS
19744 Vaughan Ave., Detroit 19 KE. 1-3910

The Toledo Plate & Window Glass Co.
Glass Jobbers & Glazing Contractors
Distributors of
TEE PEE Asphalt Shingles
Asbestos Siding
WAREHOUSES
Detroit Grand Rapids Cleveland Toledo

HARRIGAN
AND
REID CO.
HEATING & PLUMBING
ENGINEERS
SUMMER AND WINTER
Air Conditioning
SHEET METAL WORK
Phone:
CADILLAC 0243
1365 BAGLEY AVENUE
DETROIT 26, MICH.

Mr. Henry H. Saylor,
1741 New York Ave. N.W.,
Washington 6, D.C.

Eg 60

WEEKLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

THE AMERICAN INSTITUTE OF ARCHITECTS

OFFICERS
ALDEN B. DOW, President
ROBERT B. FRANTZ, 1st V.-President
CARL C. F. KRESSBACH, 2nd V.-President
RALPH W. HAMMETT, 3rd V.-President
JOSEPH W. LEINWEBER, Secretary
ARTHUR J. ZIMMERMANN, Treasurer
TALMAGE C. HUGHES, Exec. Sec.

TALMAGE C. HUGHES, F.A.I.A., Editor
120 Madison Avenue
Detroit 26
WOodward 5-3680

THEODORE G. SEEMEYER, JR.
Advertising Director

DIRECTORS
ROGER ALLEN
LEO M. BAUER
WELLS I. BENNETT
ADRIAN N. LANGIUS
CHARLES B. McGREW
JOHN C. THORNTON
DAVID H. WILLIAMS, JR.

Entered as second class matter January 15, 1946, at Postoffice at Detroit, Mich., under Act of March 3, 1879. Published weekly
Subscription price $2 per year. (Members $1.00). 5c per copy.

Volume XXIII — DETROIT, MICHIGAN, FEBRUARY 8, 1949 — No. 6

SOCIETY CONVENTION PLANS IN MAKING

Thirty-Fifth Annual Meeting at Hotel Statler in Detroit will feature 1949 Architects' Show. Seventh Annual Michigan Building Industry Banquet will be concluding event. Frank Lloyd Wright to be the speaker.

The Michigan Building Industry Banquet Committee met on January 28 to formulate plans for its Seventh Annual event, to be held at Hotel Statler, in Detroit, March 4, as the final event of the Society's 35th Annual Convention. Paul R. Marshall, of Aluminum Company of America, is general chairman of the Committee. Others serving with him, representing the Producers' Council, Inc., Michigan Chapter, are William E. Ogden, of Marsh Wall Products Co.; Dayton L. Prouty, Zonolite Co., and Walter J. Torbet, Detroit Steel Products Co.

Representing the Builders' & Traders' Exchange of Detroit are Alfred Brodine, Edwin J. Brunner and Marshall.

Representing the Michigan Society of Architects are Andrew R. Morison, Edward G. Rosella and Talmage C. Hughes.

The Banquet program will follow closely the procedure established in former years. In the near future, announcements will be mailed to architects and the building industry in general, together with cards for requesting reservations. Assignment of tables will be made in the order in which requests are received. Presidents of various organizations in the industry here will be invited guests to sit at the speakers' table, as will various other officials, local and state.

Ladies will be invited, including the wives of those at the speakers' table. The Builders' and Traders' Exchange will entertain at cocktails just preceding the Banquet. An orchestra and entertainment will be provided.

The feature of the Banquet will be an address by the distinguished Frank Lloyd Wright, who is well known to Michigan Society conventions. He has appeared on our programs several times before, though not in recent years. Mr. Wright is undoubtedly the greatest drawing card in the architectural profession. He is scheduled to receive the Gold Medal of The American Institute at its 81st Annual Convention in Houston, Texas, March 15-18, 1949.

The Committee to arrange the Convention in its entirety also met following the Banquet Committee meeting. Rosella is chairman. Also on this committee are Morison and Hughes. Others will be added later. The Convention will feature seminars for some of its sessions, possibly devoted to Building Codes, Public Housing, etc. As in the past, the vice-presidents will be asked to arrange the seminars and to preside at them.

Walter J. Taylor, Director of Education and Research, The American Institute of Architects, Washington D.C., will be a guest at a meeting of the Detroit Chapter, A.I.A., on the evening before the Convention opens. That meeting will be devoted to discussion of matters pertaining to the Institute, with particular reference to subjects scheduled for discussion at the Houston Convention. It is hoped that members of other A.I.A chapters in Michigan will attend the Detroit Chapter's pre-convention meeting at the Rackham Building, on the evening of March 2. Then they will be here ready for the Convention the next morning.

A special period will be set aside for architects and guests at the Convention to visit the 1949 Architects' Show at The Detroit Institute of Arts. Earl W. Pellerin is Chairman of the Show Committee and he is doing an outstanding job. This will be one of the finest shows ever put on in Michigan. We are searching for some effective means of getting those at the Convention to go to The Institute of Arts in a body. It would be too bad if some miss this outstanding attraction. Perhaps a cocktail party at the Wardell, or something similar, would be attractive. Then, while delegates are in the vicinity, they could be induced to view the show. Are there any other suggestions?

We suggest that you refer to Hotel Statler's rates, as published in the Weekly Bulletin of Feb. 1, and make reservations now. Better come in the afternoon before.

Meeting of the Detroit Chapter
THE AMERICAN INSTITUTE OF ARCHITECTS
Rackham Memorial Bldg., 100 Farnsworth Avenue, Detroit,
Wednesday, February 16, 1949
Board Meeting, 4:30 P.M.; Dinner 7:00 P.M.; Program 8:30

Following dinner, the meeting will adjourn to the Lecture Hall of the Detroit Institute of Arts for a lecture under auspices of the Metropolitan Art Association. Attendants at the dinner will be furnished tickets to the lecture, gratis, by the Detroit Chapter, A.I.A.

SUBJECT: "What is happening to Modern Architecture?"
SPEAKER Mr. Edgar Kaufmann, Jr., Director, Department of Industrial Design, Museum of Modern Art, New York,

1949 ARCHITECTS' SHOW

Earl Pellerin, Chairman of the Architects' Show reports that work is progressing according to schedule and all Committees are doing a grand job. Part of the Committee personnel was published in the last Weekly Bulletin and the remaining Committees are as follows (bold type indicates chairmen):

CONSULTANTS: Alden B. Dow, Eliel Saarinen, Minoru Yamasaki

CONSTRUCTION: Victor J. Basso, L. Robert Blakeslee, John T. Hilberg, Arthur H. Messing, James B. Morison, Edward G. Rosella

EXHIBITION: Paul A. Brysselbout, Paul E. Flanagan, Ralph W. Hammett, **James B. Hughes,** Owen A. Luckenbach, Clarence H. Rosa

FINANCE: Julian R. Cowin, Gerald G. Diehl, Cornelius L. T. Gabler, Gerald M. Merritt, Andrew R. Morison

JURY: J. Henderson Barr, Ralph W. Hammett, James B. Hughes, Owen A. Luckenbach, Henry F. Stanton

INVITATION: Roger Allen, Wells I. Bennett, **Clair Ditchy,** George F. Emery, Adrian N. Langius

Viking Sprinkler Company
Fire Protection Engineers & Contractors
AUTOMATIC SPRINKLER SYSTEMS
Also a Complete Line of Pre-Action Devices
TE. 1-9604 Detroit 1

Colorful Brick
For Permanence
Tile For Beauty
and Economy
Belden-Stark
BRICK COMPANY
14305 LIVERNOIS — DETROIT 4
HOgarth 1331 - 1332 - 1333

PLASTI-GLAZE

Plasti-Glaze, the Post-War Glazing Compound to specify. Made from bodied oils and special pigments. Weatherometer tests prove that Plasti-Glaze when properly applied and maintained will last as long as the sash. Dries rubbery hard, not rock hard, easy to apply, easy to remove.

FOR LONG LIFE, WEATHER AND AIR-TIGHT GLAZING USE AMERICA'S LEADING GLAZING COMPOUND — PLASTI-GLAZE.

PLASTIC PRODUCTS CO. INC.
DETROIT • CHICAGO • JERSEY CITY

D. WILLIAMS IS IMPROVING

David H. Williams, Jr., president of the Detroit Chapter, A.I.A., and director of the Michigan Society of Architects, is recuperating at his home, 13300 East Outer Drive, after an illness which began in mid-December. Dave is resting comfortably, is able to be up and to take short drives. It is expected that he will be able to be at his office, as president of George D. Mason & Company, in about another month. At first, he will be back at work for only a part of the time.

While Dave is ill, Joseph W. Leinweber, vice-president of the Chapter is doing a good job as acting president. As representative of the Detroit Chapter on the board of the M.S.A., Dave is one of seven, so the other six are carrying on with extra diligence. We look forward to having Dave back with us in the near future.

— MEETING —

AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS
at the
HORACE H. RACKHAM EDUCATIONAL MEMORIAL
Monday, Feb. 14, 1949
8:00 P.M.

Speaker: William N. Witheridge, Ventilation Consultant, General Motors Corporation.

Subject: Recirculation of Air from Industrial Exhaust Systems.

NEW TALENT WINNERS

Saarinen Employee Wins Third Prize

Edward Chase Weren, employed by Saarinen, Saarinen and Associates, of Bloomfield Hills, Mich., was awarded third prize of $500 in a nationwide architectural competition sponsored jointly by the Museum of Modern Art, of New York, and Architectural Record. A Harvard graduate, 28-year-old Weren studied at Harvard's Graduate School of Design following four years of Navy service.

Winner of first prize of $1000 was Joseph Y. Fujikawa who, for the past two years, has worked in the office of Mies van der Rohe, while doing graduate work at Illinois Tech. Second prize of $750 went to G. J. Lee Everidge, now studying at North Carolina State College.

The problem, which excluded those whose work had been published in national magazines, was for a memorial community center for a hypothetical town in the Middle West.

ARCHITECTURAL DELINEATOR
Perspectives Renderings
Architectural Photography
WILLIAM S. PALMER, JR.
Palmer Photographic
11281 Kennebec — Detroit 5—LAkeview 6-9452

HHFA HAS OPENINGS FOR MAINTENANCE ENGINEERS

EDITOR'S NOTE: Mr. Stanley W. Hahn, A.I.A., of Housing and Home Finance Agency, Public Housing Administration, 201 North Wells Street, Chicago 6, Ill. will soon establish the Agency's Detroit Field Office, of which he will be Director. Regarding additions to staff, he writes as follows:

The Detroit Field Office of Public Housing Administration expects to move to its permanent location in Detroit the first part of this coming March. We shall be at 1800 Barlum Tower Building. When we arrive we shall have openings for two Maintenance Engineers, with or without Civil Service status. Should you know of anyone interested in these positions, we would appreciate your calling their attention to these opportunities.

One position requires a man with good architectural or architectural engineering training and with some experience, principally in specifications, contracts and inspection or superintendence. He should be a reasonably good draftsman, either architectural or engineering.

The other position would be for a man with good electrical engineering training as related to the requirements of power and lighting in large housing projects. Practical experience in the electrical contracting business would be desirable.

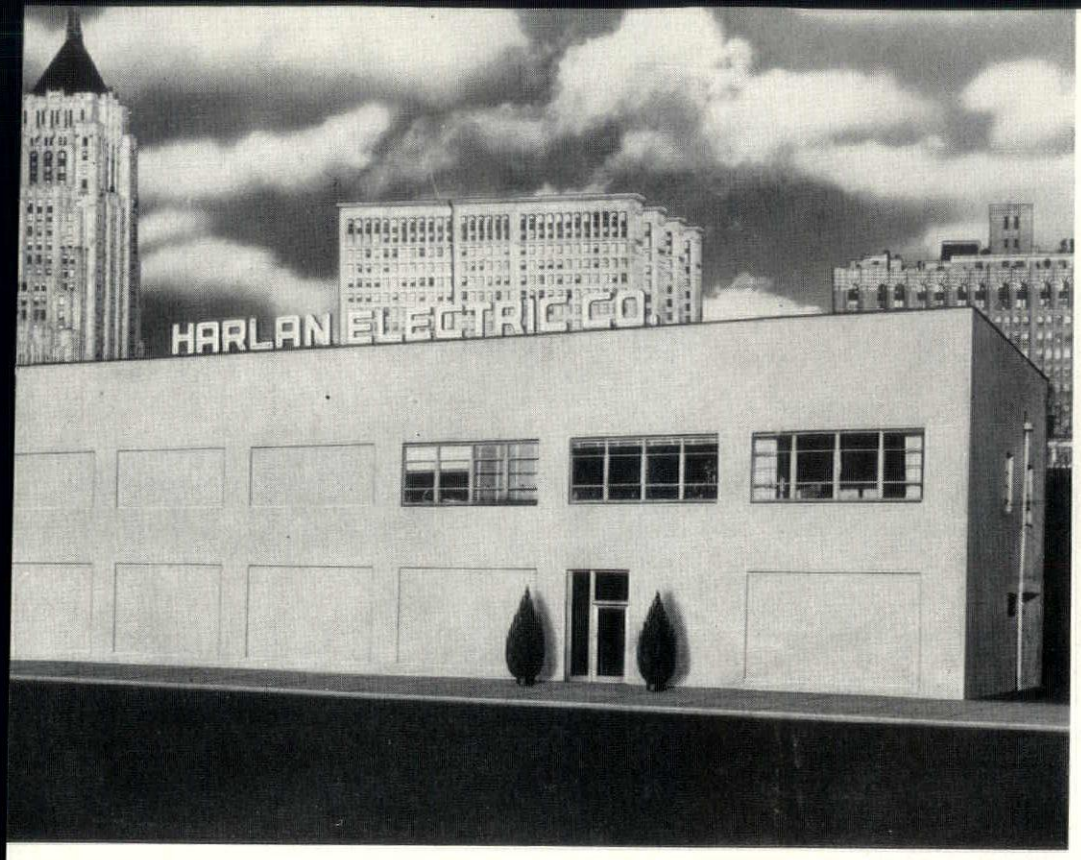
Their work would be to help us in inspecting our large housing projects and in making recommendations for efficient operation, upkeep and replacements. About half time would be spent in the office and half in the field within our territory which is comprised of the States of Ohio and Michigan.

These positions are rated as P-3 and have a starting salary of $4479.60. We believe there will be good opportunities for advancement.

Should you know of anyone who would be interested, please ask him to write us.

H. H. DICKINSON CO.
COMPLETE BUILDERS SUPPLIES
Armored Concrete Curbing
Master Builders Products
HEATILATORS — ASPHALTS
5785 Hamilton Avenue MAdison 4950

DUNN
BLUE PRINT CO.
"Specialized Services for Architects"
Main Office
5920 SECOND AVE.
MAdison 2125
Eastside Branch
17110 BRADFORD AVE.
VEnice 9-3900
Westside Branch
16557 JAS. COUZENS HWY.
UNiversity 1-5512



GEORGE J. BERY, A.I.A.
Architect
Ferndale, Michigan

MARVIN BEERBOHM
Artist
Detroit, Michigan

DARIN AND ARMSTRONG, INC.
General Contractors
Detroit, Michigan

HANK WEBER ASSOCIATES, INC.
Photographs
(Unless Otherwise Designated)
Detroit, Michigan

THE HARLAN ELECTRIC COMPANY

901 WEST MILWAUKEE AVENUE, DETROIT, MICHIGAN

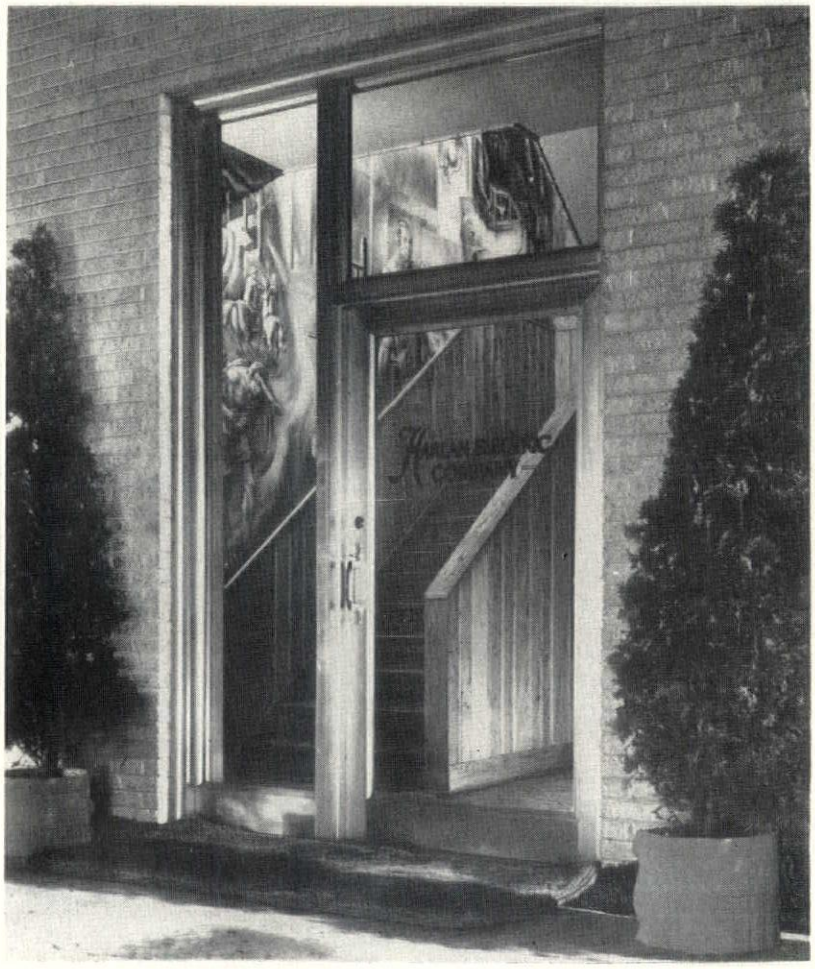
Among the First of New Commercial Structures to Locate on John C. Lodge Expressway

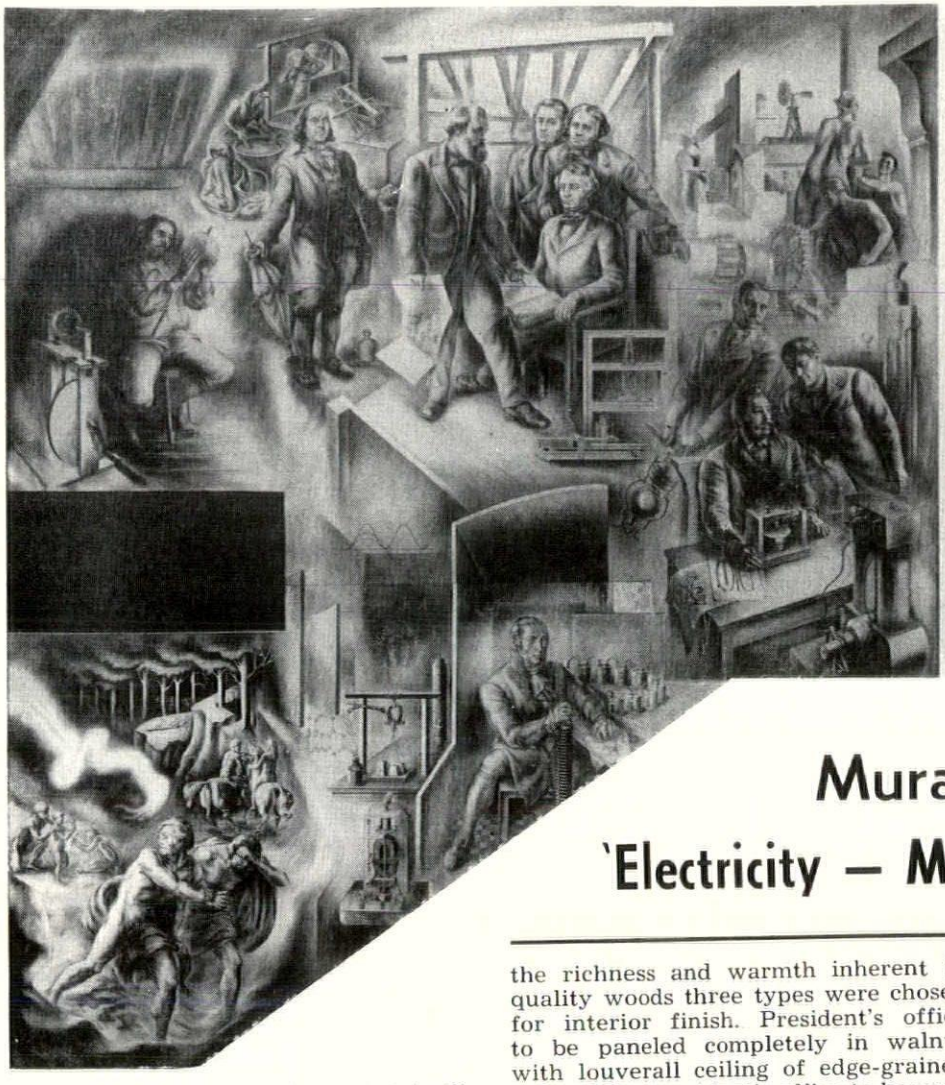
BY GEORGE J. BERY, A.I.A.

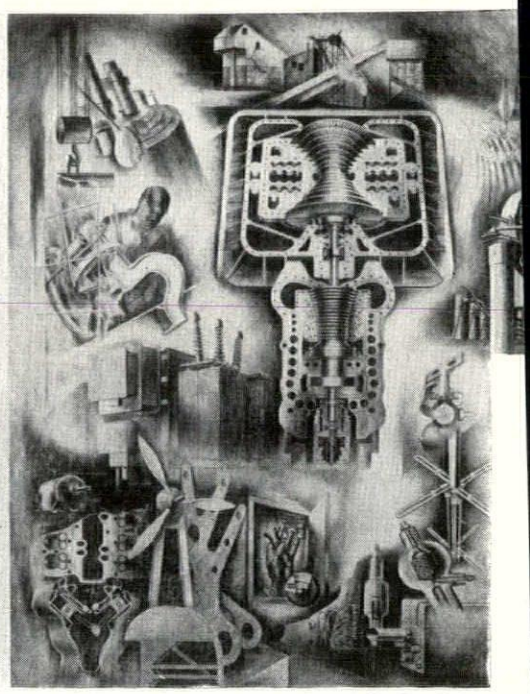
For a period of several years prior to the undertaking of this project the combined efforts of owner and architect were given to site selection, during which the relative advantages and disadvantages of many locations were studied. Coincident with the time when the advantages of the New Center area were beginning to outweigh all others an unusual opportunity presented itself. In June 1947 condemnation proceedings of the Wayne County Road Commission, relative to the proposed John C. Lodge Expressway were in progress. Cognizant of the advantages of such an opportunity, Mr. C. Allen Harlan, president of Harlan Electric Company, submitted the successful bid for an existing building and site on West Milwaukee avenue and directly facing the new highway. Having thus secured property within two blocks of the New Center area—General Motors, Fisher, and New Center Buildings, and having frontage on a proposed major thoroughfare, owner and architect were convinced they had solved their initial problem—site selection—and authority was issued to execute architectural work for the home offices and warehouse facilities of Harlan Electric Company.

Early in the problem several design features were established as essential.

1. **Significance to be placed on flexibility.** Anticipating probable demands of future needs, as







Copyright held by C. A. Harlan & M. Beerbohm

Murals Depicting 'Electricity — Mastered and Serving'

BY MARVIN BEERBOHM

THESE MURAL PAINTINGS occupy two walls, totaling 400 square feet, in the lobby and stair-well area of the Harlan Electric Co., Detroit. Fittingly, the theme, "Electricity—Mastered and Serving," is drawn from the field in which this organization plays a part.

The lower panel begins with the saga of man's primitive existence, the finding of lodestone, which led to the application of the properties of magnetism and eventually to invention of the compass; and early man's fearful reaction to lightning. The illustration of carbon molecular construction introduces the next section, "Electro-Magnetics," with Joseph Henry's electromagnetic machine, which was the first to lift a weight, Michael Faraday's introduction machine, and bottom, Siemen's dynamometer.

Alesandro Volta is shown with his "crown of cups," the first useful battery. His left hand rests on his later device, Volta's Pile. At the upper left corner, the German scientist, Otto von Guericke sits holding a sulphur ball, part of a device he developed to create friction and a glow. Benjamin Franklin holds a key and a kite, symbolic of his electrical experiments. In the background, textile workers of this period are at work at a silk winding machine.

The next four figures are: the Scot, James Clerk Maxwell, holding a sheet on which is lettered the Maxwell-Lorenz Field Equation, vital even today; Joseph Henry, credited with inventing

regarding expansion of present facilities or a complete change of occupancy at some latter date, a structural core composed of a self-contained steel chassis and brick enclosing walls with recessed knock-out panels was decided on.

2. **Efficient, comfortable, convenient working environment.** To insulate from street distractions and afford maximum privacy for personnel, lobby and all offices to be located on upper level. Introduction of high illumination levels—50 foot candles or more with minimum of glare in all work areas to facilitate accurate seeing through long hours of application.

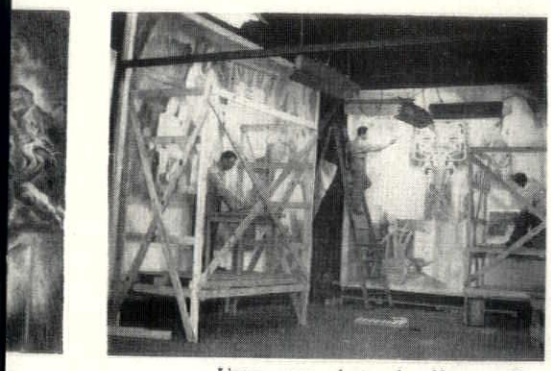
Introduction of acoustical treatment —sheet rubber flooring and acoustical tile ceiling in all areas to minimize errors and confusion.

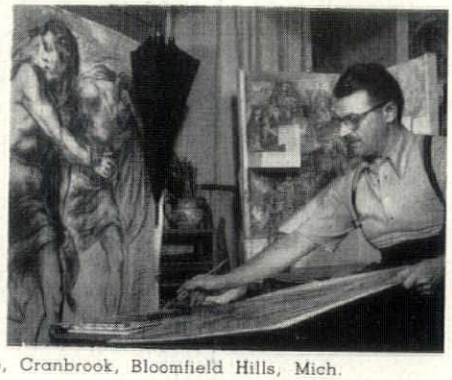
3. **Employ most advanced electrical methods and equipment.** Due to the nature of the occupancy, electrical contracting office, the building was to reflect the most advanced practices of the electrical industry, illumination in particular. To accomplish this the architect, assisted by Mr. Molitor of The Detroit Edison Company, consulted with illumination research of General Electric at Nela Park.

4. **Careful study to be given to interior and exterior finishes.** Realizing the richness and warmth inherent in quality woods three types were chosen for interior finish. President's office to be paneled completely in walnut with louverall ceiling of edge-grained cedar. Vice president's office to be paneled in mahogany. Public areas, stairwell and lobby sheathed in chestnut planking. Exterior material cinder brick finished three coats rubber base paint. Coping and sills two inch blue stone. Entrance unit extruded aluminum.

5. **Electricity—background for color.** On occasion the architect has been concerned with the rich historical aspects of electricity. Consequently, early in the study of this building it seemed fitting that the lobby of an electrical construction company would be appropriate environment for a painting depicting the evolution of electrical thought and apparatus. Further discussion concerning the mural appears in this issue by Marvin Beerbohn, Detroit artist, who is to be complimented for his excellent handling of the subject.

It may suffice to mention here that the mural forms the decorative keynote of the interior and to accomplish an integrated color scheme, basic colors of the mural were used in the selection of fabrics, sheet rubber flooring and wall finishes. After ten months of occupancy the office personnel offer enthusiastic support for the balance of warm and cool color pattern in each work area.





Above two photos by Harvey Croze, Cranbrook, Bloomfield Hills, Mich.

the first electro-magnetic machine; English physicist, Michael Faraday, famous for his disk-dynamo; and, seated, Samuel F. B. Morse, American artist and scientist who perfected the telegraph.

Against a background representing the transition and expansion of the "American scene," are: Charles Brush, famous for arc lamps and the dynamo; Thomas Alva Edison, who received patents on more than 900 inventions, shown with his bi-polar dynamo and the first electric bulb; and Alexander Graham Bell, with a model of his first telephone.

The story of progress continues in the adjacent contemporary wall. The central design, a turbo-generator, receives its energy from coal, symbolized by the pattern of exposed facades of a typical mine. Shown down and to the left, are transformers which also play their part in this continuity. At the upper left is a modern electric arc furnace. A worker-figure is shown at an electronically controlled gun-type spot welder. The segments of the design at bottom left indicate the relation, or contribution, of electricity of transportation in its various forms, automotive, marine, and air. Following this, is the artist's analysis of the "common man's" conception of electricity, in relation to his everyday life—a common fuse, a flashlight, a traffic semaphore, and a door-bell.

To the right lower area of this wall is portrayed the present developments in electrical application—the X-Ray tube, television, and radio. These are represented by a modern transmitting power tube and antenna. The design here moves to the elements of radar, the magnetron tube and the antenna housing.

In the upper right area is a Surge-Generator, with its capacitors and gaps. The flash of "man-made" lightning produced by this device is in obvious contrast to the atmosphere and effect which the artist introduced at the bottom level, or "primitive man" section of the adjacent wall. The upper right 'dual' figure (which introduces the nuclear energy topic) portends electricity as being either a **constructive force** resulting in greater fertility, or as a **destructive force,** leaving in its wake complete devastation.

The mural was completed and installed November, 1948. The linen canvas on which this mural was painted was loomed in France. The pigment employed was Casein Tempera. A full year of work by the artist and his two assistants was required to complete this painting.

The artist feels that the new Harlan Electric Company building, with its mural decoration, is a fine example of Mr. C. A. Harlan's conscious effort towards a community contribution, as well as a confirmation of the artist's own conviction that industry can profit by associating with art.

The architect, Mr. George Bery, planned for the use of a mural decoration as a means of making the building more interesting, more beautiful, and educational, thus giving the architectural limitations additional dimension. The artist believes this has resulted in a building which is unique among the new industrial buildings in this area today.

As a creative artist deeply concerned with fitting into his community, and making a social contribution, the artist strongly expresses the belief that he can best do this by painting murals for industrial and public buildings, rather than the more intimate and personal easel pictures. He realizes that his freedom is qualified by a series of relationships: fixed dimension, the architectural setting, the uses of the building, and the appropriateness of subject matter. If the artist accepts as a challenge these aesthetic, technical, and social problems, the resolution of them should result in a significant mural.

BELOW: President's Office and Reception Lobby.

Photos by Detroit Edison
Wall Map by Hank Weber

DETROIT ACOUSTICAL CONTRACTING COMPANY
Armstrong's CUSHIONTONE Ceiling
5050 Joy Road, Detroit 4 TY. 6-5170

LENTZ & CHAFFEE
Roofing & Sheet Metal
Industrial and Residential Work
13801 Schoolcraft Ave., Detroit 27 VE. 7-5362

JAMES A. MOYNES & CO.
Carpentry
Manufacture & Installation of Fine Millwork
19640 Charleston Ave., Detroit 3 TO. 9-6100

C. K. SMITH CO.
Glass & Glazing
Steel Sash
3808 W. 11 Mile Rd., Berkley, Mich., JO. 4-6992
P.O. Box 42, Royal Oak, Mich.

THE STANLEY-CARTER CO.
Plumbing & Heating
8550 Lyndon Ave., Detroit 21 HO. 4000

NEW FINISH PROVIDES COLOR AND TEXTURE

A sprayable coating for finishing monolithic, concrete, brick or block construction walls is announced by Minnesota Mining and Manufacturing Co., St. Paul.

Called "Scotch-Top" plastic wall covering, the new compound provides both color and texture in a single spraying operation. It can be used directly on inside or outside wall surfaces, and on ceilings.

The coating resists scuffing, grease, oil, water, sunlight and exposure to weather, the producer said.

It can be applied to brick, concrete, precast concrete slab, metal, and to cinder or other aggregate type block.

The coating has been used for more than a year in Chicago "in carefully controlled test applications," L. F. Weyand, vice president of Minnesota Mining and Manufacturing Co., announced.

Weyand heads the 3M company's adhesive and coating division in Detroit, which produces more than 250 industrial adhesives, coatings and sealers. The firm also makes "Scotch" brand industrial tapes, "3M" abrasives and other products.

"The coating will be available nationally as soon as skilled applicator crews can be trained," Weyand said. "This is now our only major problem concerning the product—one that may require a year or two to settle entirely satisfactorily."

Meanwhile it will be offered in Chicago and in a few other areas yet to be announced, he added.

Weyand commented that the new coating "solves the problem of providing an attractive finish for structures made with concrete or cinder building blocks, poured or pre-cast slabs, or common brick."

The coating provides both color and texture, he pointed out, and "because it is sprayable, it lends itself to use where an inexpensive method of wall finishing is desired."

He added that the coating can be sprayed over a waterproofing compound to prevent condensation and to block the passage of moisture.

In addition, it can be used with sprayable insulation compounds to afford "a highly effective barrier against heat and cold," Weyand said.

"Scotch-Top" is made in white and in 12 different shades of green, red and yellow, and it can be papered or painted, or can be used in conjunction with or covered with tile, linoleum, wood panelling, or similar interior trim materials. Blue pigmentation is under development, Weyand said.

The coating permits a variety of textures, including soft or coarse stipple, stucco, jazz plaster, California wash, broom finish and flat finish, all without gloss.

It can be washed with soap and water, or with common detergents, including trisodium phosphate.

Coverage with "Scotch-Top" varies from five to 13 square feet per pound, depending on the type of job to be done. It can be applied to varying thicknesses, from a thin film to a half-inch coating and more.

The product, an hydraulic setting material, is shipped in two parts: a liquid binder composed of latices (synthetic rubbers), and a powder composed of plastic materials and asbestos fibers. The two parts are mixed on the site with water, which serves as the vehicle for spraying.

"Scotch-Top" has high resiliency and impact resistance, Weyand said.

LINN SMITH WAS SPEAKER

From Ann Arbor News, Jan. 7, '49

"Contemporary," rather than "modern," was the term chosen by Linn Smith, Detroit architect, to describe the type of building which is "of our time and of our way of living."

Speaking before the regular meeting of the American Association of University Women last night in the Memorial Christian Church, Mr. Smith illustrated his talk with colored slides. The photographs were taken during his recent travels as holder of the Booth Traveling Fellowship.

Any building, Mr. Smith said, should be designed around the function it is to perform, and contemporary designs are based, he pointed out, on techniques, materials, and devices newly available to architects.

Among the examples shown were Frank Lloyd Wright houses in Buffalo, N. Y., which are up to-date, Mr. Smith declared, although built in 1906. These houses show the overhanging roof, low lines, and materials characteristic of contemporary, domestic architecture in America, he said.

International contemporary design was illustrated in the severe lines of a Boston house designed by Walter Gropius, German architect. The cold effect of the house is made warm, Mr. Smith explained, by the use of colors and textures inside the house.

A custom-built house may be inexpensively built, Mr. Smith averred, describing in detail the home of Hugh Stubbins in Lexington, Va. The cost of this house, he said, was kept down by keeping to straightforward, simple planning.

The design is rectangular; the materials are natural; and no fussiness of detail is used, he stated.

A house designed by Colvin and Haller on Northshore Dr. in Ann Arbor illustrates, the speaker continued, the use of natural finish materials. Radiant heating has been used with success in Ann Arbor houses such as this, he said.

Walter L. Couse & Co.
GENERAL BUILDERS
12740 Lyndon Ave. VE. 8-0660—1-2-3
DETROIT 27, MICHIGAN

Koenig Coal & Supply Co.
CERTIFIED CONCRETE
Concrete — Fuel Oil — Coal
Main Office: 1486 Gratiot Ave. CAdillac 1584

Brick of Distinction
Thomas Brick & Tile Co.
WAYNE MOHR Mgr
14360 Livernois (4) TOwnsend 8 1354

KRIEGHOFF COMPANY
GENERAL BUILDERS
Industrial, Commercial, Institutional
6661 French Road PLaza 3400

O. W. BURKE CO.
GENERAL CONTRACTOR
FISHER BUILDING
MAdison 0810 Detroit, Mich

Detroit Fuel & Supply Co.
Complete Builders' Supplies & Lumber
Producers of Concrete & Cinder Blocks
5625 East Davison Ave., Detroit 12
TW. 1-8400

Daelyte Service Company
Painting Contractors
Window Cleaning Building Cleaning
Cement Finishing Concrete Restoration
Water Proofing Tuck Pointing
300 Riopelle CA. 4131
Detroit 7, Mich.

UNiversity 2-6230
MUMMA BROS., INC.
PAINTING CONTRACTORS
16623 Wyoming Avenue Detroit 21, Mich.

FREDERIC B. STEVENS INCORPORATED
FACE BRICK, GLAZED BRICK, GLAZED AND UNGLAZED TILE, FLOOR TILE—ANTI-HYDRO
For Hardening and Waterproofing Concrete
1800 - 18th St. at Vernor Hwy. TA. 5-0725

HANLEY COMPANY
E. F. ZERGA Mgr
CERAMIC GLAZED UNGLAZED FACING TILE
BRICK FLOOR TILE CERAMIC GLAZED TILE
FACE BRICK FLOOR BRICK ACID BRICK
14545 Schaefer VE 7-3200 Detroit 27, Mich.

MARQUETTE CONTRACTORS RECEIVE FINE TRIBUTE

Many Detroiters will recall with pleasure Mr. Ecklin M. Kaake, formerly project manager with Albert Kahn Associated Architects and Engineers, Inc., and conductor of the evening classes in estimating and building construction at the Builders' and Traders' Exchange.

For the past two and one-half years he has been engaged in the contracting field as MacDonald & Kaake, Inc., Marquette, Mich. and, from all accounts, the firm has been doing very well indeed. On December 22, 1948, at a dinner honoring the organization, leaders of industry and commerce of Marquette paid tribute to the contractors for handling so well some of the largest and best work of the Upper Peninsula. Mayor James J. Beckman, as toastmaster, gave some of the background of Howard MacDonald and "Eck" Kaake, heads of the company, adding that they had done some of the most outstanding work of the Soo area.

On January 7, 1949, on the occasion of the opening of the firm's new office building, The Mining Journal of Marquette devoted two pages to the work of the firm. The Journal emphasized the fact that "for some time the area has been in need of a good contracting firm to handle some of the larger building work, which previously had been done by other-than-local contractors."

KAMPER WAS SNOWBOUND

Louis Kamper, A.I.A., of Detroit, who has been spending winters at the Mission Inn, in Riverside, California, had some difficulty in reaching the West this year. He writes:

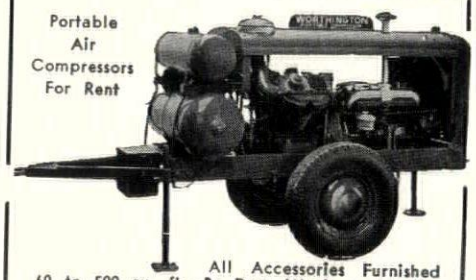
"We still get orange juice for breakfast here but we had an awful time on the trip to California, were snowbound on the streamliner for two solid days in Nebraska, landing here three days late. Many autos were stalled on the roads, hundreds of cattle died of starvation, wild animals came to the railroad tracks for food.

"Temperature in Riverside was 25, last year 84. Citrus growers are very much alarmed about their trees.

"I arrived here very tired but OK otherwise.

"Best regards to all."

Portable Air Compressors For Rent



All Accessories Furnished
60 to 500 cu. ft. - By Day, Week or Month
W. H. ANDERSON CO., INC.
DETROIT, MICHIGAN

YOU NAIL TO STRAN STEEL FRAMING

STRAN-STEEL FRAMING

Stran-Steel . . . the truly modern framing material for homes, apartments and commercial buildings . . . is available now! It's an all-steel framing system that can be assembled with surprising speed.

The Stran-Steel nailing groove, into which nails can be driven, makes quick work of attaching lumber and other building materials. Rot-proof, warp-proof, sag-proof Stran-Steel prevents plaster cracks in walls and ceilings. It is a durable, fire-resistant permanent material.

Call your Stran-Steel dealer in your area or write to—

STEEL FABRICATING DIVISION
LA SALLE ELECTRIC & MILL SUPPLY COMPANY
545 Eton Road Birmingham, Mich.
Telephone: Birmingham 2150

The Kitchen Most Women Want Most

THE GENERAL ELECTRIC KITCHEN

WE can render you complete planning service on the G-E Electric Kitchen. It's gleaming beauty may include the Electric Sink and Disposall and Dishwasher, Space Saving Refrigerator, Range with Calrod units, Sturdy Steel Cabinets, and even the All-Automatic Washer — ALL GENERAL ELECTRIC.

Call MAdison 9400

General Electric Supply Corporation
680 ANTOINETTE DETROIT 2, MICHIGAN

Murray W. Sales & Co.
WHOLESALE
PLUMBING and HEATING SUPPLIES
Flint — Wyandotte — Pontiac
801 W. Baltimore TR. 5-4200

UNiversity 2-3413
DARIN & ARMSTRONG
INCORPORATED
GENERAL CONTRACTORS
2041 FENKELL AVENUE DETROIT

"OVER 65 YEARS"
Robert Hutton & Co., Inc.
ROOFING and SHEET METAL CONTRACTORS
622 FORT ST., E. RAndolph 1073

NELSON COMPANY
Plumbing, Heating & Air Conditioning Supplies
WHOLESALE
Main Office and Display Room
2604 FOURTH AVE. Phone WO 2-4160
Royal Oak — Grosse Pointe — Ann Arbor

GEORGE A. ODIEN, INC.
UNDERGROUND CONSTRUCTION
TYler 4-0100
1935 McGRAW AVE. DETROIT 8

TOwnsend 8-6681 TOwnsend 8-6540
MAURICE V. ROGERS CO.
GENERAL CONSTRUCTION
839 Collingwood Ave. Detroit 2, Michigan

CINDER BLOCK INC.
VErmont 8-3200
9143 Hubbell
Detroit 28

Ruff Brick Company
COLORFUL OHIO SHALE BRICK
For Residential and Commercial Building
14183 Wyoming HO. 2384 Detroit

Duplicate!
• BLUEPRINTS (Nu-Blue)
• PHOTOSTATS (Sharp)
• PHOTOGRAPHIC MURALS
ENLARGEMENTS • TONING
MOUNTING
Snappy Delivery Service!
CALL FOR OUR SALESMAN
THE MULTI-COLOR COMPANY
629 WOODWARD CA 0666 126 DELAWARE MA 0780

Builders & Traders

Edited by
E. J. BRUNNER
Secretary-Manager
BUILDERS' and TRADERS' EXCHANGE of DETROIT

DETROIT AGC MARKS ITS 33rd YEAR OF SERVICE

Thirty-three years of unbroken service to Detroit's construction industry was celebrated at the Annual Meeting of the Detroit Chapter, Associated General Contractors held at the Detroit Athletic Club, the evening of January 17, 1949. Members of the group are general contracting firms of the Greater Detroit Area engaged in commercial, industrial and institutional construction work. New officers and directors of the Chapter elected at the meeting for the coming year are as follows:

President—W. R. Bryant, Bryant & Detwiler Co.

First Vice President—C. H. Richert, J. A. Utley Co.

Second Vice President—B. B. Jackson, Kuhne-Simmons Co., Inc.

Treasurer—Glenn Lamont, Industrial Construction Co.

Director—John Cooley, John Cooley Co.

Director—L. M. Denton, Denton Constr. Co.

Director—R. E. Pickett, Walbridge, Aldinger Co.

The Detroit A.G.C. Chapter, formerly known as the General Builders Association of Detroit, has represented leading contractors in the Detroit area since its organizational meeting held May 23, 1916.

Ralph A. MacMullan has held the post of Secretary-Manager of the Association for the past twenty-seven years. His staff is composed of John E. Kinsella, Assistant Secretary; George W. Combs, Administrative Assistant; Lawrence R. Partridge, Personnel Department, and Berthena Brown, Office Secretary.

The Chapter's activities cover labor relations, apprentice training and accident prevention programs, market and specification studies, legislative and public relations surveys and construction research for its member contractors. It is also a participant in a number of civic enterprises of the City.

Cooperative work for the benefit of the construction industry and continued enlargement of members' services to the Detroit community is carried out by the organization in connection with several professional and industrial groups as well as municipal, state and federal agencies.

A Corps of Engineer Reserve Unit, the 433rd Engineer Construction Battalion, was recently sponsored by the Chapter as part of its plans for National Defense. Colonel C. F. Clark of the O. W. Burke Company is Commander. The Detroit A.G.C. Chapter is a member of the National Associated General Contractors of America which embraces some 107 chapters and approximately 5200 contractors across the country.

Members are easily identified by the A.G.C. "Seal of Service," a red, white and black circle displaying in an inner triangle the three letters—A G C. This is often followed by the organization's copyrighted symbol of Skill—Responsibility—and Integrity.

F. H. MARTIN CONSTRUCTION CO.
CAdillac 4890
955 E Jefferson Ave Detroit, Michigan

GLANZ & KILLIAN CO.
CONTRACTORS
PLUMBING — HEATING — VENTILATING
FIRE PROTECTION SPRINKLER SYSTEMS
1761 West Forest Avenue TEmple 1-7820

Wolverine Stone Company
NATURAL STONE FOR ALL BUILDING PURPOSES
14290 Meyers Road Detroit 27, Michigan
Telephone: HOgarth 4295

R. D. THAYER COMPANY
WATERPROOFING ENGINEERS AND CONTRACTORS
2701 Joy Road — DETROIT (6) — TYler 6-9626
842 Hall St., S.E.—GRAND RAPIDS (7)—Ph. 5-5180

Patronize Bulletin Advertisers

BETTER BRICK BUILDS BETTER BUILDINGS
Perma-Color Face Brick for Beauty and Permanence
VITRIFIED SEWER PIPE GLASS BLOCK
CENTURY BRICK CO.
14900 Linwood Detroit 21, Mich.
UNiversity 1-8200

— LUMBER DEALERS —
BRAUN LUMBER CO. — TO. 8-0320, Davison and G.T.R.R.
F. M. SIBLEY LUMBER COMPANY — 6460 Kercheval Avenue, Fitzroy 5100.
RESTRICK LUMBER COMPANY — 14400 Wyoming, HOgarth 4830.
SUTHERLAND & AVERY LUMBER CO. — 5172 St. Jean Avenue, PLaza 9460.

Fire-Resistive Vault Doors
Complete Bank Vault Equipment
Cycle-Billing and Rekordesks
Cardineers • V-Line Trays
Steel Storage Files
Diebold
INCORPORATED
4105 Cass Ave. Detroit 1
TEmple 3-4477 — 4478

The Octagon,
1741 New York Ave.,
Washington, D.C. 6

REC'D FEB 23 1949

WEEKLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

THE AMERICAN INSTITUTE OF ARCHITECTS

OFFICERS
ALDEN B. DOW, President
ROBERT B. FRANTZ, 1st V.-President
CARL C F. KRESSBACH, 2nd V.-President
RALPH W. HAMMETT, 3rd V.-President
JOSEPH W. LEINWEBER, Secretary
ARTHUR J. ZIMMERMANN, Treasurer
TALMAGE C. HUGHES, Exec. Sec.

TALMAGE C. HUGHES, F.A.I.A., Editor
120 Madison Avenue
Detroit 26
WOodward 5-3680

THEODORE G. SEEMEYER, JR.
Advertising Director

DIRECTORS
ROGER ALLEN
LEO M. BAUER
WELLS I. BENNETT
ADRIAN N. LANGIUS
CHARLES B. McGREW
JOHN C. THORNTON
DAVID H. WILLIAMS, JR.

Entered as second class matter January 15, 1946, at Postoffice at Detroit, Mich., under Act of March 3, 1879. Published weekly
Subscription price $2 per year. (Members $1.00). 5c per copy.

Volume XXIII — DETROIT, MICHIGAN, FEBRUARY 15, 1949 — No. 7

M.S.A. BOARD FURTHERS CONVENTION PLAN

Hears Report of Show Committee, Banquet and other features

The Board of Directors of the Michigan Society of Architects met at the Detroit Athletic Club on the afternoon and evening of February 2, for its regular monthly meeting. Present were directors Allen, Bauer, Bennett, Dow, Kressbach, Langius, Leinweber, McGrew and Zimmermann. Also attending were Talmage C. Hughes, executive secretary and Earl W. Pellerin, chairman of the 1949 Show Committee. Absent were Messrs. Frantz, Hammett, Thornton and Williams. The last-named two were ill.

Joe Leinweber presided until the arrival of Alden Dow. After reports of officers and committees, the meeting discussed the Thirty-Fifth Annual Convention of the Michigan Society of Architects, scheduled for March 3 and 4, at Hotel Statler in Detroit.

Langius reported on the Mid-Summer Convention, stating that the dates with the Grand Hotel had been set for Aug. 3 and 4, 1949. A proposal from the D. & C. Lake Lines for 1950 was received with much interest. Perhaps a cruise would be an interesting alternate to Mackinac Island. More about this later.

Alden B. Dow was elected as the Society's delegate to the 81st Annual Convention of The American Institute of Architects at Houston, March 3 and 4. Roger Allen is to be alternate.

When Roger Allen assumes the assignment of toastmaster at the Michigan Building Industry Banquet, on the evening of March 4, 1949, he will be celebrating his Twentieth Anniversary at toastmastering. He began in Grand Rapids in 1929.

The next Weekly Bulletin will be the Convention Number. Herewith we reprint again the Statler rates and suggest that you make your reservations early.

Members of the other two Michigan chapters are invited to attend the Detroit Chapter dinner meeting at the Rackham Building on the evening of March 2—a double-barrel pre-convention affair for both state and national.

WESTERN MICHIGAN CHAPTER MEETS IN GRAND RAPIDS

Architectonics for February announces a meeting of the Western Michigan Chapter at the University Club in Grand Rapids on Feb. 14. Members and their wives will visit the Herman Miller Furniture Co. and see designs by George Nelson, architect and editor. Also shown will be the Eames chairs, recently featured in the magazine *Interiors*.

Dinner at the Club will be preceded by a social hour and followed by a business meeting at which the state and national conventions will be discussed, and entries for the Houston Convention honor awards will be judged.

Editor Alle observes that, since the business meeting will not be of interest to the ladies, "Give your wife seven or eight hundred dollars and let her have a good time shopping."

HOTEL RESERVATIONS, M. S. A. ANNUAL CONVENTION

Those expecting to attend the Michigan Society of Architects' Thirty-Fifth Annual Convention at Hotel Statler, Detroit, March 3 and 4, 1949, should request room reservations now. The Statler has set aside the same number of rooms as last year, but this is certain to be much better attended. Unless requests are made soon the Hotel may not be able to accommodate all.

Because of the different method of electing officers, no ballots will be sent members. This obviates any direct mailing, so no reservation cards will be sent. This notice in the Weekly Bulletin will serve as the only warning that you had better make your requests direct to the Statler, as soon as possible.

Following are the Statler's Rates.

Room and Bath, for One—per Day
Shower—3.50, 4.00, 4.50, 5.00
Tub & Shower—6.00, 6.50, 7.00, 7.50, 10.50

Double-Bed Room with Bath, for Two—per Day
Shower—6.50, 7.00
Tub & Shower—7.50, 8.00, 8.50, 9.00, 9.50, 12.50

Twin-Bed Room with Bath, for Two—per Day
Shower—7.50
Tub & Shower—8.50, 9.50, 10.00, 10.50, 13.00

SUITE—Living Room, For One: 13.50, & 22.50
Bed Room and Bath, For Two: 16.50 to 25.00

More Than Two Persons in One Room: For each additional person in Double or Twin-Bed the extra charge is $2.25 per day.

WHAT PRICE BUILDING?

By EDWARD A. WEHR

Dean of Builders Defends Architects, Engineers, Building Trades—and Builders

From Charette—Pittsburgh's Journal of Architecture

No subject of general public interest in recent years has been less understood or more misrepresented than the construction industry. This sprawling collaboration of architects, engineers, builders, general contractors, sub-contractors, and the building trades with their staggering variety of skilled craftsmen, must be made clear to the public if the American people are to appreciate the magnitude and importance of this most vital of our national industries.

During the present demand not only for housing but for all types of construction, the shortage of skilled mechanics may make it seem desirable for the building trades to put in more working time. But shorter hours and a shorter work week are the interminable goals of organized labor, and the building trades have been highly organized now for years. Short hours, instigated of necessity during depression years, are today the accepted practice of the industry. It is not likely that the trend will be reversed.

Increased production is generally thought to be the clue to today's high building costs, but it must be remembered that, as a whole, the building industry is still a craft. It is not streamlined for precision. There are approximately 27 separate agreements with the various building trades necessary to any building operation and these agreements must be negotiated annually, while in most other large industries such as steel, coal and automotive, it is necessary to negotiate only one agreement. Industry-wide bargaining may be the answer.

Large consolidated industries have more resources with which to negotiate and influence public opinion than does the individual builder whose failure to agree in any one craft negotiation can, in a short time, tie up any large construction job. Under these adverse conditions, builders have consummated agreements with the unions as best they could, though many such agreements were often far from advantageous to the builder.

Another problem the industry must face is the invasion of its ranks by new inexperienced men. We have recently witnessed in Pittsburgh the operations of a few unscrupulous builders whose unethical, dishonest practices have brought temporary disrepute upon the whole profession. These misdoers are always a minority in any profession and by continued vigilance the industry as a whole can escape the blame for such malefaction. Fortunately the building industry has never been subject to such critical examination and public discontent as has, for instance, the profession of medicine, the manufacturing of pharmaceutics, and the unwholesome alliance between opticians and optical supply houses.

On the other hand, the building profession has never been accorded the public respect which its vital role in everyday life justifies. Much of the credit for our American standard of living and our enviable national mortality rate is given to certain advances in science, medicine and surgery, while actually the healthful way of our American life would not be possible without those engineers and architects who design and equip our modern buildings with sanitary, heating, and ventilating devices which contribute so much to the preservation of health today.

Perhaps the most common criticism levelled against the building industry today is the complaint that bricklayers who formerly laid 2,000 bricks a day now lay only 300. The layman who innocently passes on this telling argument does not stop to think that before the general introduction of heavy concrete walls and brick veneer houses, all walls were built of stone or solid brick, sometimes two feet thick, with only four inches of facing carefully laid, the balance of the bricks being slushed in solid almost as fast as a man could pile bricks. In our modern building there is seldom more than just a four-inch facing against wood, concrete or terra cotta backing, where each individual brick has to be carefully laid, plumbed and joints struck. Even chimneys consist of a minimum number of bricks all carefully laid around various sized flues.

If building workers are as unproductive and slow as hearsay has them, how is it that unprecedented building records were set during the war years when the most able-bodied men in the industry were off in the armed services? And how does slow productivity account for today's unequalled building activity?

(See WEHR, Page 6)

Baltimore - born Contractor Edward A. Wehr is one of the nation's few builders with a degree in architecture—from Maryland Institute. Son of a brickmaker, Wehr grew up amidst talk of building, determined in his teens to be the best of builders. He learned construction the hard way by working in his father's brick plant, by becoming a proficient carpenter, and later by laboring in a structural steel and bridge shop before being promoted to the drafting room. A trip to Europe rounded out his building education by familiarizing him with England's famed parish churches and the Continent's incomparable cathedrals.

Arriving in Pittsburgh for a six months study of steel fabrication in 1901, Wehr remained 47 years to become one of the city's outstanding builders of notable churches. After brief experience with a local reinforced concrete firm and a personal venture into low-priced home building, Wehr discovered that economy building was not his dish. Concentrating on quality building alone, he formed a partnership with Howard Hager, then building St. Paul's Cathedral, and was soon at work on Calvary Church for Cram, Goodhue and Ferguson. The pattern of his career was set. In addition to noted churches in New York, Cleveland and other cities, Wehr built Pittsburgh's First Baptist, Mt. Lebanon Presbyterian, the Nativity, German Evangelical Lutheran, Holy Innocent and Waverly Presbyterian churches. Delicately lovely, The Cochran Memorial Methodist Church of Dawson, Pa., was also built by Wehr.

John A. Mercier Brick Co.
Manufacturer & Distributor
Common Brick
& Concrete Slag Block & Brick
QUALITY FACE BRICK
3895 Roulo Ave. Dearborn VI. 1-0761

O. W. BURKE CO.
GENERAL CONTRACTOR
FISHER BUILDING
MAdison 0810 Detroit, Mich

WALTER L. COUSE & CO.
GENERAL BUILDERS
12740 Lyndon Ave. VE. 8-0660—1-2-3
DETROIT 27, MICHIGAN

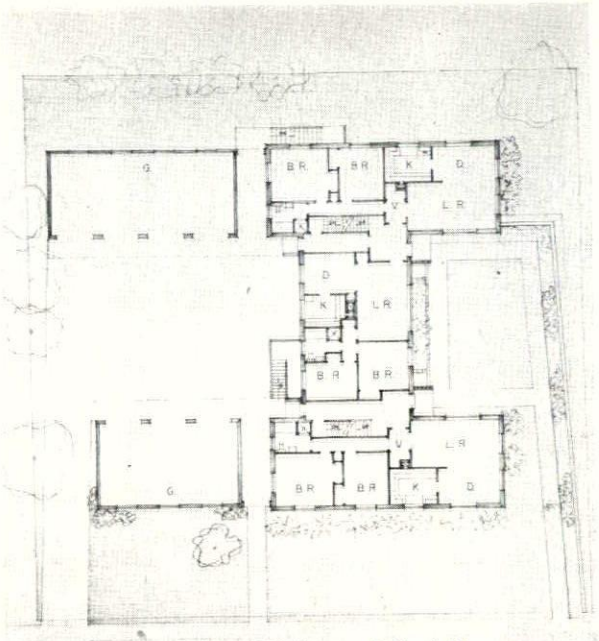
F. H. MARTIN CONSTRUCTION CO.
CAdillac 4890
955 E Jefferson Ave Detroit, Michigan

— LUMBER DEALERS —
BRAUN LUMBER CO. — TO. 8-0320, Davison and G.T.R.R.
F. M. SIBLEY LUMBER COMPANY — 6460 Kercheval Avenue, FItzroy 5100.
RESTRICK LUMBER COMPANY — 14400 Wyoming, HOgarth 4830.
SUTHERLAND & AVERY LUMBER CO. — 5172 St. Jean Avenue, PLaza 9460.

BALDWIN MANOR APARTMENTS

Three Hundred and Ten Southfield Road, Birmingham, Michigan

JAMES BENNETT HUGHES, A.I.A., ARCHITECT



FIRST FLOOR PLAN

Six-family Apartme Borders Beautiful by the City

By James Bennett Hughes, A.I.A.

Baldwin Manor began when the client brought in a survey of the site and announced his intention of building an apartment. The size of the building, type—apartments, terrace units, etc.—was open to investigation. Certain specific requirements were mandatory.

Consequently, the first stage of the work was to prepare comparative studies of building types, construction required for various numbers of units, relationship of the building to the site, and the estimated cost of each of the schemes under consideration. At the

BARBER CONSTRUCTION CO.
Neil K. Barber, Pres.
General Contractor
18685 Mendota Ave., Detroit 21 UN. 3-3316

BOSTON TILE & TERRAZZO CO.
(Humbert Mularoni)
All Tile Work
23740 Grand River Ave., Detroit 19 KE. 1-1530

HORN FUEL & SUPPLY CO.
Mesker Bros. Steel Sash & Screens
9133 Hubbell Ave., Detroit 28 VE. 8-2200

HYDE & BOBBIO
Consulting Engineers for Heating, Air Conditioning, Refrigeration, Electrical & Plumbing Systems
405 Transportation Bldg., Detroit 26 CA. 3785

H. F. KLEIN
Landscape Design & Construction
320 Wabeek Bldg., Birmingham 2434
Birmingham, Mich.

McBRIDE HARDWARE CO.
Finish Hardware
128 South Woodward Ave. Birmingham 255
Birmingham, Mich.

STAN
Plaste
Residen
25 Y
353 E. Harry St.
LI. 2-3929

conclusion of these studies, we decided that a two-story and basement, six-family apartment offered the best utilization of land with an expenditure in line with its value.

The site is desirable because it borders on Baldwin Park, owned by the City of Birmingham, but had disadvantages in its steep slope downward toward the northwest corner, its size limitations (125'x130'), and the fact that the property bordered the park, which is on the north.

Despite the orientation of the site, it was decided to situate the main living areas of all apartments to take advantage of the view toward the north, offsetting this exposure by east and west light in four of the units and by south light in the other two units.

The slope of the land made it necessary to build a retaining wall along the north property line in order to level off the approach to the two entrances. However, this made possible the inclusion of a caretaker's apartment, completely above grade.

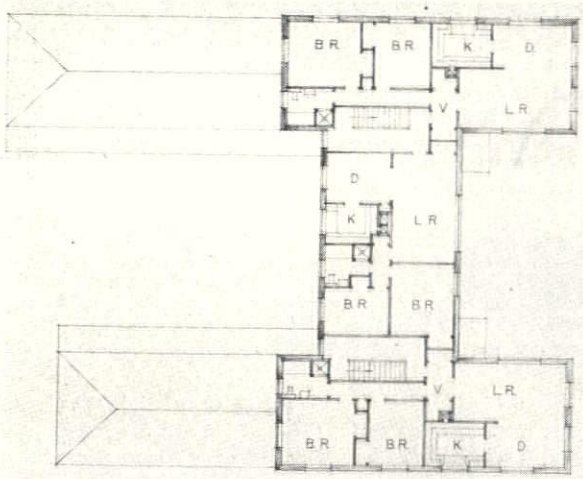
Individual apartments were intended to meet the needs of tenants who required somewhat better than average facilities. Each apartment provides a living - dining room, kitchen, two bedrooms, bath with tub and shower, storage and laundry room in the basement, and heated garage for one car.

Exterior walls are masonry, furred and plastered. All interior framing is

Built on Deep Slope
dwin Park, Owned
Birmingham

wood construction. Finished wall surfaces are painted plaster throughout, except in bathrooms which are tile. Floors are oak in all main rooms, linoleum in kitchens, tile in baths. Corridors and stairs have rubber tile flooring. Exterior walls are insulated with USG insulating lath, second floor ceiling with cotton batts. Heating is by a hot water system with recessed convectors, with individual controls for each apartment.

PHOTOS BY ARNOLD STUDIO, BIRMINGHAM, MICHIGAN



SECOND FLOOR PLAN

JAMES BENNETT HUGHES, A.I.A.
Architect
Birmingham, Michigan

BARBER CONSTRUCTION CO.
General Contractors
Detroit, Michigan

ONNOR
ntractor
mmercial
erience
zel Park, Michigan
JO. 4-7561

PETERSON GLASS CO.
Glass & Glazing
Also Specialize in Metal Store Front Construction
2833 John R. Street, Detroit 1 TE. 3-3707

WALTER SUDDUTH
Painting & Decorating
Also Commercial and Industrial Work
15423 Wildemere Ave., Detroit 21 UN. 3-4733

SMITH BROS. ELECTRIC, INC.
All Electrical Work & Fixtures
13922 Schaefer Rd., Detroit 27 VE. 8-5880

R. L. TAYLOR, INC.
Overhead Garage Doors
Steel — Wood Sectional — Aluminum
12480 Evergreen Rd., Detroit 28 VE. 6-3430

THOMPSON-SCHMIDT CO.
Concrete Retaining Wall
19363 Jas. Couzens Hwy., Detroit 19 VE. 6-5081

LLOYD S. THORNTON CO., INC.
Commercial & Industrial Plumbing, Heating & Ventilating
420 South Woodward Ave. Birmingham 285
Birmingham, Mich.

UNITED BLOCK CO.
Cinder & Concrete Block & Builders' Supplies
19290 W. 8 Mile Rd., Detroit 19 KE. 1-7997

WESTERN WATERPROOFING CO.
Waterproofing & Decoration of Cinder Block
To Be Completed May, 1949
410 Murphy Bldg., Detroit 26 WO. 1-9646

WITBECK HOUSEHOLD APPLIANCES
General Electric Kitchen Appliances
Complete Electric Kitchens and Kitchen Planning Department
23365 Woodward Ave. JO. 4-6405—LI. 1-2023
cor. Woodland, Ferndale 20, Mich.

WEHR, from Page 2

Any self-respecting member of the building profession might complain about the obscurity in which he is forced to work. Little or no publicity is ever given to the men who construct our physical environment. Architects, engineers, builders—all are frequently confronted with unexpected conditions which arise, particularly in foundation work, where very urgent and important decisions must be made promptly on the job to prevent disastrous results to life and property. These vital decisions require long experience in the building field, plus the valuable advice and help that can come only from the workers on the job. Answers are not in the books of any nearby building library. A building is the result of months of thought and work by architects and engineers, followed by careful coordination of materials and crafts by an experienced contractor. Yet when a building is completed, little or no credit is ever forthcoming to the conscientious men involved in the actual operation. But the real estate operator is not so ignored. When the building is finally up for sale, out pops a prominent sign announcing, "This Building Sold by Rudolpho Bumblewit." The architect's fee was based on the cost of the building. The contractor may have lost his shirt on it, due to changing conditions or increasing prices, but Mr. Bumblewit's commission is based not only on the value of the building alone, but on the value of the land **and** the building. Often he has previously received a commission on the sale of the land.

Similarly, a large and important bridge, tunnel, or other engineering feat is completed and turned over to the use of the citizenry with never a mention of the engineers, architects, builders, nor the skilled workmen, some of whom may have lost their lives in the performance of duty. But when the project is unveiled, a handsome sculptured plaque is embedded at the approaches, acquainting posterity with the politicians under whose benevolent administration the work may or may not have been conceived.

In recent years a development has occurred in the construction industry which bears careful watching. It is the slow abrogation by architects, engineers and builders of their traditional role as the representatives of the owner as well as the designers of the plans and specifications governing conditions under which contract construction work is to be performed, to lawyers business managers, financial consultants and other assorted laymen who know little or nothing about the process of building. These outsiders often insist upon inserting in specifications clauses that are patently unfair to the builder. The Standard Documents of The American Institute of Architects, including contract forms which have been approved by the Associated General Contractors of America, Inc., represent the best thinking of the architectural profession and the contracting industry and have stood the test of time. Departure from the provisions of the Standard Contract between Owner and Contractor only leads to complications and often increased costs.

Unlike painter, sculptor, actor and writer, the architect is seldom given the publicity and appreciation which his essential work deserves. It is safe to say that perhaps not a handful of Pittsburghers can name the architects of such Pittsburgh landmarks as Carnegie Museum, Mellon Institute, or the Cathedral of Learning. But in building, a faulty or bad design by the architect, or poor construction by the engineers or builders, is never buried and forgotten. The work stands as a discredit to those responsible for it the rest of their days.

In today's highprice market, prospective home owners often complain about the number and costs of "extras" they encounter in building. Often this can be directly traced to the client's false economy in not engaging a reliable architect's services for the preparation of complete plans and specifications, followed by the acceptance of a reliable builder. An indefinite agreement with a contractor who says he requires no architect's plan and who is expected to chisel in some mysterious way on material and labor for the client, is a mistake. Chiseling works both ways, unfortunately. An inexperienced or unreliable contractor working without architectural supervision is often more expensive in the long run than many so-called "extras."

The layman today is also critical of the specialization that has grown up in the building industry, due primarily to our highly organized trade unions. Often the layman does not realize that even the smallest job in building must be done, if done well, by a craftsman who has spent years in poorly paid apprenticeship, more years gathering valuable experience and mastering his special tools and equipment. Often the mechanic, plumber, electrician, and welder must pass a rigid examination and be legally registered. Their work must stand the approval of city inspectors. Home owners who rely on a "handy man" or jack-of-all-trades, may find themselves later with houses that burn to the ground or with plumbing so faulty that the family's health may actually be impaired. The specialization of work that is necessary in building is not generally carried to excess any more than in most professions.

And finally, a builder is frequently asked why he or any rational human being will start and continue permanently in this rather complicated work which is rarely rewarding and not always remunerative. Perhaps the answer lies in a speech which Benjamin Fairless recently delivered. "Success isn't a matter of position or possession," said Mr. Fairless, "It's a frame of mind, feeling of fulfillment, an inward recognition of a job well done or a worthwhile service rendered."

JACKPOT

In an age when gold is no longer in the hills and oilwells do not bubble up in back yards or pearls lurk in oysters, the last rainbow is the give-away radio program. Listening to the spate of refrigerators, money, washing machines, mink coats, money, Cadillac convertibles, etc., gushing out on the air waves, this institution seems not quite credible:—the people with slightly improbable names, whom we will never know, from such fabled places at Brooklyn, Ypsilanti and Walla Walla staggering home with loot gained by the most modest intellectual exertion. But it can happen to one of us, in fact it has.

Our own Thomas F. McDonough, who among other extra-curricular activities

YOU NAIL TO STRAN STEEL FRAMING

STRAN-STEEL FRAMING

Stran-Steel . . . the truly modern framing material for homes, apartments and commercial buildings . . . is available now! It's an all-steel framing system that can be assembled with surprising speed.

The Stran-Steel nailing groove, into which nails can be driven, makes quick work of attaching lumber and other building materials. Rot-proof, warp-proof, sag-proof Stran-Steel prevents plaster cracks in walls and ceilings. It is a durable, fire-resistant permanent material.

Call your Stran-Steel dealer in your area or write to—

STEEL FABRICATING DIVISION

LA SALLE ELECTRIC & MILL SUPPLY COMPANY

545 Eton Road Birmingham, Mich.

Telephone: Birmingham 2150

DUNN BLUE PRINT CO.

"Specialized Services for Architects"

Main Office
5920 SECOND AVE.
MAdison 2125

Eastside Branch
17110 BRADFORD AVE.
YEnice 9-3900

Westside Branch
16557 JAS. COUZENS HWY.
UNiversity 1-5512

is Chairman of the Boston City Planning Board, recently attended a convention of city planners in New York. In a moment of respite from planning he was a guest in a broadcasting studio during a quiz program conducted by a cigarette company on a nation-wide network. A large and presumably intelligent audience was assembled, and when, on a call for volunteers, Mr. McDonough diffidently raised his hand, the master of ceremonies, who was by nature of his calling a man to recognize talent instantly when he saw it, called him to the platform. The opening questions, dealing with the first names of ball players and the like were merely a warming-up exercise for our hero, and netted him such trifles as $25 in cash and twenty (20) cartons of cigarettes. This led naturally to the crucial (but no paltry $64) question. This consisted of a dictionary definition of a word meaning to commence one's college education and containing eleven letters including C-A-M-E-L though not necessarily in that order. While the band played for ninety tension-charged seconds and the listening millions palpitated in almost unbearable suspense, Mr. McDonough thought, and thought, and thought. Came the moment and our boy came through with the word--MATRICULATE!—then stepped modestly forward and received his just reward—$750. Asked to tell the radio audience about himself, he merely said "I'm an architect."

Probably not soon again will our profession stand on such a pinnacle of national eminence, and surely never again will an architect earn $750 so painlessly.

— *Bay State Architect*

WRIGHT NOT TO BE HERE

Word has just been received from Frank Lloyd Wright that he will not be able to come to Detroit to be speaker at our Building Industry Banquet, closing the 35th Annual Convention of the Society. He had intended combining this with a trip he had to make to New York via San Francisco but, since he had to make that trip earlier, he did not feel equal to another at this time, in view of his going to Houston for the A.I.A. Convention in mid-March.

AT MACKINAC ISLAND

Above is shown Adrian Langius, then President of the MSA, flanked by Portland Cement Association's Kirchgessner and Martin, at the Society's Mid-Summer Conference at the Grand Hotel on Mackinac Island, last summer. Gus was named chairman of the next Mackinac meeting. has arranged for the dates of August 3 and 4.

DERRICK HUBERT

Derrick Hubert, A.I.A., 79, long a prominent architect of Michigan's Upper Peninsula, died at his home in Menominee on January 27. He had been ill for about three years but had continued his practice until a year ago.

Born in Kankakee, Ill., Oct. 14, 1870, Mr. Hubert, with his family, moved to Fon du Lac, Wis., and then to Iron Mountain, Michigan. At the age of 15 he became foreman in his father's saw mill and later the two were engaged in carpentry work. By home study and correspondence courses he qualified himself as an architect and continued his studies long after he was in practice. His work covered a wide range of structures and over a considerable area of northern Michigan.

Surviving are his widow, Della; two sons, Derrick, Jr., A.I.A., of Encino, Calif., and Roy, of Green Bay, Wis., and two daughters, Mrs. Ben Holmes, of Marinette, Wis., and Mrs. James Mortensen of Iron Mountain.

Patronize Bulletin Advertisers

Colorful Brick
For Permanence
Tile For Beauty
and Economy
Belden-Stark
BRICK COMPANY
14305 LIVERNOIS — DETROIT 4
HOgarth 1331 - 1332 - 1333

Steve Nowak
Pressed Brick Sales
DEALER IN
PRESSED BRICK, SALT GLAZE, VITRA-CREAM, CEREMAC CREAM STIPPLE, EYEREST, JADE GREEN AND BLACK TILES
3 WEEKS DELIVERY
12710 Gratiot Ave. Detroit 5, Mich.
AR. 2353

ARCHITECTURAL RENDERINGS
make a client say "Yes"
William M. Eggebrecht
119 West Dakota Detroit 3, Michigan
TOwnsend 9-4912

FREDERIC B. **STEVENS** INCORPORATED
FACE BRICK, GLAZED BRICK, GLAZED AND UNGLAZED TILE, FLOOR TILE—ANTI-HYDRO
For Hardening and Waterproofing Concrete
1800 - 18th St. at Vernor Hwy. TA. 5-0725

ARCHITECTURAL PHOTOGRAPHS
JOHN S. COBURN
2033 Park Ave. Detroit RA. 3945

Wolverine Stone Company
NATURAL STONE FOR
ALL BUILDING PURPOSES
14290 Meyers Road Detroit 27, Michigan
Telephone: HOgarth 4295

PLASTI-GLAZE

Plasti-Glaze, the Post-War Glazing Compound to specify. Made from bodied oils and special pigments. Weatherometer tests prove that Plasti-Glaze when properly applied and maintained will last as long as the sash. Dries rubbery hard, not rock hard, easy to apply, easy to remove.

FOR LONG LIFE, WEATHER AND AIR-TIGHT GLAZING USE AMERICA'S LEADING GLAZING COMPOUND — PLASTI-GLAZE.

PLASTIC PRODUCTS CO. INC.
DETROIT • CHICAGO • JERSEY CITY

HANLEY COMPANY
E. F. ZERGA Mgr
CERAMIC GLAZED BRICK FLOOR TILE
UNGLAZED FACING TILE
CERAMIC GLAZED TILE
FACE BRICK FLOOR BRICK ACID BRICK
14545 Schaefer VE 7-3200 Detroit 27, Mich.

Detroit Fuel & Supply Co.
Complete Builders' Supplies & Lumber
Producers of Concrete & Cinder Blocks
5625 East Davison Ave., Detroit 12
TW. 1-8400

TOwnsend 8 6681 TOwnsend 8-6540
MAURICE V. ROGERS CO.
GENERAL CONSTRUCTION
839 Collingwood Ave. Detroit 2, Michigan

UNiversity 2-3413
DARIN & ARMSTRONG
INCORPORATED
GENERAL CONTRACTORS
2041 FENKELL AVENUE DETROIT

Murray W. Sales & Co.
WHOLESALE
PLUMBING and HEATING SUPPLIES
Flint — Wyandotte — Pontiac
801 W. Baltimore TR. 5-4200

Viking Sprinkler Company
Fire Protection Engineers & Contractors
AUTOMATIC SPRINKLER SYSTEMS
Also a Complete Line of Pre-Action Devices
TE. 1-9604 Detroit 1

BETTER BRICK BUILDS BETTER BUILDINGS
Perma-Color Face Brick for Beauty and Permanence
VITRIFIED SEWER PIPE GLASS BLOCK
CENTURY BRICK CO.
14900 Linwood Detroit 21, Mich.
UNiversity 1-8200

CINDER BLOCK INC.
VErmont 8-3200
9143 Hubbell
Detroit 28

Duplicate!
• BLUEPRINTS (Nu-Blue)
• PHOTOSTATS (Sharp)
• PHOTOGRAPHIC MURALS
ENLARGEMENTS • TONING
MOUNTING
Snappy Delivery Service!
CALL FOR OUR SALESMAN
THE MULTI-COLOR COMPANY
629 WOODWARD CA 0666
126 DELAWARE MA 0780

Builders & Traders

Edited by
E. J. BRUNNER
Secretary-Manager
BUILDERS' and TRADERS' EXCHANGE of DETROIT

MODERN BUILDING CODES

Progress in the modernization of local building codes can be speeded up if the sponsors of various model codes will strive for a maximum of uniformity in their code provisions, according to Charles M. Mortensen, executive secretary of the Producers' Council, Inc.

"The national meeting of code writing groups to be held next month in Washington will afford an opportunity to achieve a greater degree of uniformity," Mr. Mortensen said.

"In addition, the national and regional groups which prepare modern building codes can perform an important service by coordinating their efforts to encourage communities to modernize obsolete and restrictive local codes. Now that the Housing and Home Finance Agency is prepared to help in promoting building code revision, rapid progress should be possible if all interested groups cooperate in the effort.

"While it is generally recognized that no one standard code can be written that will meet the needs of all communities in all parts of the country, certain sections of all codes can be made more uniform, thus making it easier for individual cities and towns to select the code provisions most suitable for local use.

"Code revision made unprecedented progress in 1948, but many hundreds of communities still are clinging to obsolete codes which prevent the use of new cost-reducing materials and methods, and thus unnecessarily increase the cost of constructing homes and other buildings."

Business of **Strand Building Products Company,** previously a subsidiary Corporation of **Detroit Steel Products Company,** will in future be carried on by Strand Garage Door Division of Detroit Steel Products Company with offices at 2250 E. Grand Blvd., Detroit 11, Mich.

The same management continues with H.E. Heseltine as manager of the Strand Garage Door Division; there will be no change in the present marketing procedure and Strand all-steel Garage Doors will continue to be sold through jobbers and lumber dealers in all sections of the country. The Strand door is reported to be the country's largest seller among metal garage doors.

The Strand line includes a recently announced door for 16'x7' double-garage openings, and canopy and receding (track) type doors for 8'x7' single garage openings.

R. D. THAYER COMPANY
WATERPROOFING ENGINEERS AND CONTRACTORS
2701 Joy Road — DETROIT (6) — TYler 6-9626
842 Hall St., S.E.—GRAND RAPIDS (7)—Ph. 5-5180

NELSON COMPANY
Plumbing, Heating & Air Conditioning Supplies
WHOLESALE
Main Office and Display Room
2604 FOURTH AVE. Phone WO 2-4160
Royal Oak — Grosse Pointe — Ann Arbor

G. A. Odien Equipment Co.
RENTALS
Backhoe Machines, Air Compressors, Trenching Machines.
TYler 4-0100
1935 McGRAW AVE. DETROIT 8, MICH.

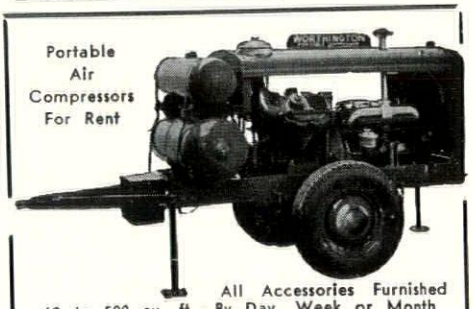
Koenig Coal & Supply Co.
CERTIFIED CONCRETE
Concrete — Fuel Oil — Coal
Main Office: 1486 Gratiot Ave. CAdillac 1584

H. H. DICKINSON CO.
COMPLETE BUILDERS SUPPLIES
Armored Concrete Curbing
Master Builders Products
HEATILATORS — ASPHALTS
5785 Hamilton Avenue MAdison 4950

Brick of Distinction
Thomas Brick & Tile Co.
WAYNE MOHR Mgr
14360 Livernois (4) TOwnsend 8 1354

"OVER 65 YEARS"
Robert Hutton & Co., Inc.
ROOFING and SHEET METAL CONTRACTORS
622 FORT ST., E. RAndolph 1073

Kurre Brick Company
COLORFUL OHIO SHALE BRICK
For Residential and Commercial Building
14183 Wyoming HO. 2384 Detroit

Portable Air Compressors For Rent

All Accessories Furnished
60 to 500 cu. ft. - By Day, Week or Month
W. H. ANDERSON CO., INC.
DETROIT, MICHIGAN

WEEKLY BULLETIN

MICHIGAN SOCIETY OF ARCHITECTS

THE AMERICAN INSTITUTE OF ARCHITECTS

OFFICERS

ALDEN B. DOW, President
ROBERT B. FRANTZ, 1st V.-President
CARL C. F. KRESSBACH, 2nd V.-President
RALPH W. HAMMETT, 3rd V.-President
JOSEPH W. LEINWEBER, Secretary
ARTHUR J. ZIMMERMANN, Treasurer
TALMAGE C. HUGHES, Exec. Sec.

TALMAGE C. HUGHES, F.A.I.A., Editor
120 Madison Avenue
Detroit 26

WOodward 5-3680

THEODORE G. SEEMEYER, JR.
Advertising Director

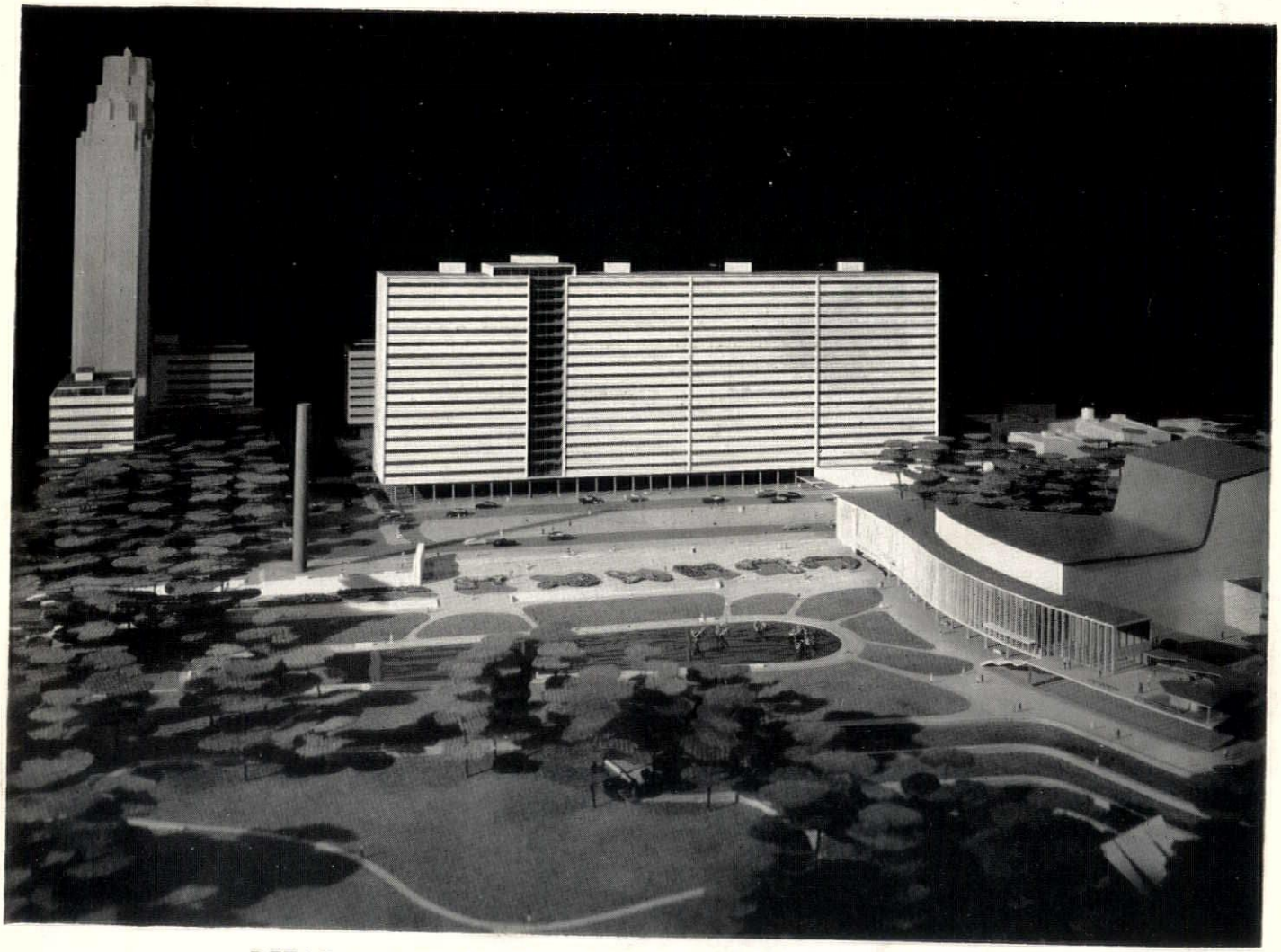
DIRECTORS

ROGER ALLEN
LEO M. BAUER
WELLS I. BENNETT
ADRIAN N. LANGIUS
CHARLES B. McGREW
JOHN C. THORNTON
DAVID H. WILLIAMS, JR.

Entered as second class matter January 15, 1946, at Postoffice at Detroit, Mich., under Act of March 3, 1879. Published weekly
Subscription price $2 per year. (Members $1.00). 5c per copy.

Volume 23 | DETROIT, MICHIGAN, FEBRUARY 22, 1949 | No. 8

M. S. A. THIRTY-FIFTH ANNUAL CONVENTION NUMBER



DETAIL OF MODEL, DETROIT'S PROPOSED CIVIC CENTER

Mr. Eliel Saarinen, Consultant to the Detroit City Plan Commission

GREETINGS

We again take this opportunity to extend to our friends in the Michigan Society of Architects wishes for the best of everything for 1949.

Everything is a very large field so we can only assure you the best in those products we distribute—Celotex Acoustical products, Martin-Parry Steel Partitions, Baker Scaffolds and Sanymetal Toilet Partitions.

We're most eager to continue the pleasant and cooperative relationship that has existed between us for over sixteen years.

In Eastern Michigan: R. E. LEGGETTE COMPANY, 6425 W. Vernor Hwy., Detroit 9, Michigan, Phone VI. 3-4060.

In Western Michigan: LEGGETTE - MICHAELS COMPANY, 906 Grandville, S.W., Grand Rapids 9, Michigan, Phone Grand Rapids 5-0093.

As the Finishing Touch to Your Fine Interior Designs . . .
It's CARLTON-SURREY *Furnishings!*

Working closely with architect-designers, Carlton-Surrey craftsmen produce custom furniture and furnishings which both complement and compliment the interiors of which such items become an integrated, functional part.

Carlton-Surrey can lend assistance to you in creating and producing superlative custom installations for offices, clubs, fraternities, public buildings, hotels, theaters, institutions and homes.

Ask for a list of famous settings installed by Carlton-Surrey . . . of the type upon which you may be working from time to time.

1949 Brochure
sent upon inquiry made on your professional letterhead.

Carlton-Surrey Inc.
Eleven Commerce, S.W., Grand Rapids 2, Michigan
a distinguished name to discriminating buyers

The NEW Truscon Series 46 DOUBLE-HUNG WINDOWS *(Spring-balanced)*

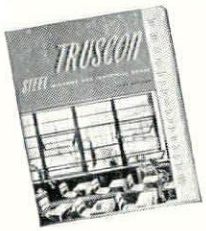
trim, smart, streamlined

strong, sturdy, economical

Architects like its structural strength and architectural correctness . . . contractors like its ease of installation . . . owners like its streamlined beauty and low maintenance cost. Everyone likes its all-round *economy!*

The new Truscon Series 46 Double-Hung Steel Window is recommended for use on any project except when fire windows are specified and a counterweighted window is essential. Use of a spring balance in this new Truscon window eliminates the necessity of large weight boxes, and avoids the cost of field labor required to install cast iron counterweights and place the sash in accurate balance after glazing.

The spring balances are housed in the head member and the stainless steel suspension tapes are wholly concealed with the sash either open or closed. Positive weathering is provided by flexible spring-bronze strips attached to the sash at head, meeting rails, sill and jambs. Bonderized. Baked-on paint. Lever-type lift handles. Muntins as desired. Screens, storm sash and window cleaner anchors available.



New Literature. Send for new catalog complete with installation details and specifications on Truscon Steel Windows for every type of residential, commercial, industrial and institutional use.

DETROIT DISTRICT SALES OFFICE
615 Wayne Street — Detroit 26, Mich.

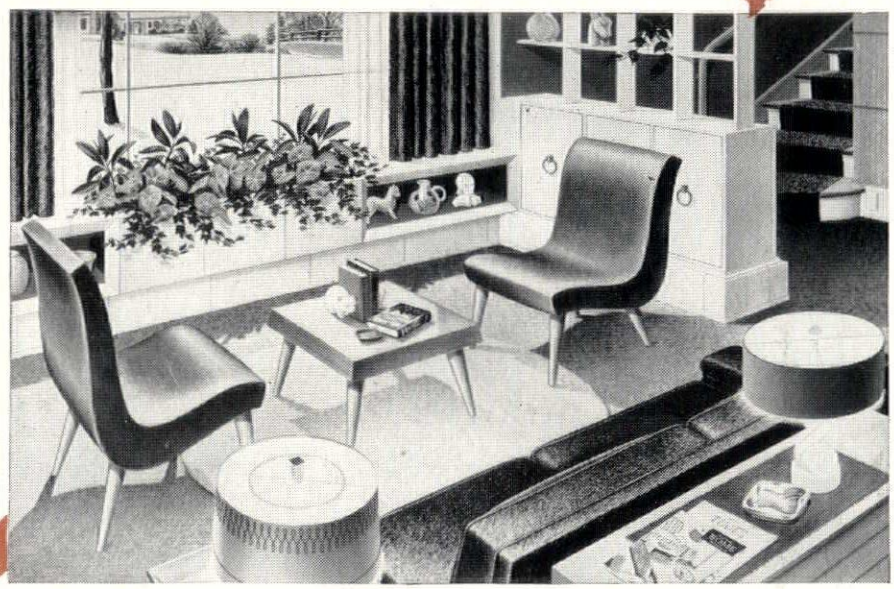
TRUSCON STEEL COMPANY
YOUNGSTOWN 1, OHIO
Subsidiary of Republic Steel Corporation

Manufacturers of a Complete Line of Steel Windows and Mechanical Operators • Steel Joists • Metal Lath • Steeldeck Roofs • Reinforcing Steel • Industrial and Hangar Steel Doors • Bank Vault Reinforcing • Radio Towers • Bridge Floors.

FIRST in heating and plumbing

because AMERICAN-Standard products cover every type of installation!

■ You have access to the widest range of heating equipment and plumbing fixtures when you turn to American-Standard. In number of products . . . in variety of types and styles . . . no line is more complete. But large selection isn't all you get when you specify American-Standard. You also get the finest quality that money can buy. That's why more American homes have heating and plumbing by American-Standard than by any other single company. Your Heating and Plumbing Contractor will be glad to give you full information. **American Radiator & Standard Sanitary Corporation,** P. O. Box 1226, Pittsburgh 30, Pa.



The living room above is as invitingly comfortable as it is modern. And adding immeasurably to its hospitality is the newest heating development by American-Standard, **BASEBOARD RADIANT PANELS.** Replacing ordinary baseboards, they are an inconspicuous source of radiant heat, and they distribute warmth evenly throughout the room. **Baseboard Radiant Panels** are available in two types—one for normal heating requirements and one for above-average needs.

This practical kitchen, as cheerful as any housewife could wish for, is proof of the **ROYAL HOSTESS** Sink's versatility. The smart sink fits easily into continuous cabinet arrangements, and the new Union Strip by American-Standard forms a watertight seal between sink and adjacent counter tops. The **Royal Hostess** comes in models and sizes to fit virtually any kitchen plan . . . in white and many colors to harmonize with any decorating scheme. Made in one piece of rigid cast iron with a heavy coating of lustrous, acid-resisting enamel, it is built to give years of service.

AMERICAN-Standard HEATING · PLUMBING

AMERICAN-Standard
First in heating...first in plumbing

Serving home and industry

AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS • DETROIT LUBRICATOR • KEWANEE BOILER • ROSS HEATER • TONAWANDA IRON

Greetings

From the Membership of
the Detroit AGC Chapter
which has served the industry
and the public for

A Third of a Century

THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA · REG. U. S. PAT. OFF. · AGC
SKILL RESPONSIBILITY INTEGRITY

Albert A. Albrecht Co.	WO 2-2580
Atkin-Fordon Co.	TE 4-4800
The Barry Company	TW 3-6700
Barton-Malow Co.	CA 3450
Bass Engr. & Constr. Co.	JO 4-6150
Bryant & Detwiler Co.	CH 4480
O. W. Burke Company	MA 0810
John Cooley Co.	WO 1-7189
Walter L. Couse & Co.	VE 8-0660
Thos. E. Currie Co.	VA 2-2518
Darin & Armstrong, Inc.	UN 2-3413
Denton Constr. Co.	TR 1-7020
Faulkner Constr. Co.	JO 4-7700
J. A. Fredman	Pontiac 2-5010
Hamer Brothers, Inc.	MA 8620
R. H. Hidey, Inc.	TO 8-4135
Industrial Constr. Co.	LA 7-2414
Jutton-Kelly Co.	OR 8300
W. J. C. Kaufmann Co.	PL 2165
Kuhne-Simmons Co., Inc.	CA 8147
A. W. Kutsche & Co.	TR 1-8410
Henry M. Martens Co.	CA 7932
F. H. Martin Constr. Co.	CA 4890
Arthur O. Misch Co.	CA 0529
Chas. J. Rogers, Inc.	VE 6-2160
Stibbard Constr. Co.	TE 1-8020
W. J. Storen Co.	CH 3316
Talbot & Meier, Inc.	TO 8-3315
F. H. Taylor Co.	KE 2-2500
J. A. Utley Co.	JO 4-6960
Vrooman & Penn	TW 2-7036
Walbridge, Aldinger Co.	CA 1282
Wermuth, Inc.	
John C. Westphal Co.	VE 7-3605
W. E. Wood Company	TY 6-2950

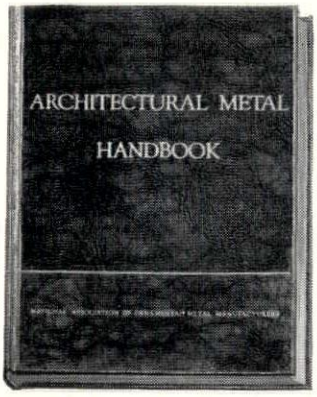
THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA
DETROIT CHAPTER, INC.

Ralph A. MacMullan, Secretary-Manager

1437-8-9 Book Building WO. 2-6297-8 Detroit 26, Michigan

"We hardly find any person of Good Sense save those who Agree with Us"

DE LA ROCHEFOUCAULD • *Moral Maxims* • 1613-1680



"PERMANENCE, strength and beauty of the copper alloys make them ideal for architectural uses," write Earl P. Baker and Harold S. Langland in the *Architectural Metal Handbook* recently published by the National Association of Ornamental Metal Manufacturers. "A list of these uses would comprise many of the products of the Architectural Metal Industry, especially those whose value lies in beauty of material and the ability to grow old gracefully.

"The alloys of copper and tin, with occasional additions of zinc, or lead *(the 'brass' of scripture)* better known to us as bronze, is *architecture's noblest metal.* The works of sculptors of ancient times have been preserved to us through having been cast in bronze.

"A material of such distinguished tradition is a constant stimulus to the architect, the sculptor and the craftsman to high endeavor lest his creation be unworthy of so noble a material.

"Since the intrinsic value of the metal in any bronze installation is very small as compared with the value of the skilled labor required to fabricate it, it would be unwise not to select the most suitable and most durable metal for the specific purpose. Architectural designers and specification writers should be familiar with the many copper alloys that are available and their uses and limitations."

Almost a century of service to architects, designers and specification writers assures us that the profession is widely informed and duly appreciative of the "noblest metal." Brief reference data on Anaconda Architectural Alloys (with which no busy man need tax his memory) will be found in 1948 Sweet's, File 6B-1. More detailed information may be had on request.

4823A

ANACONDA
from mine to consumer

Anaconda

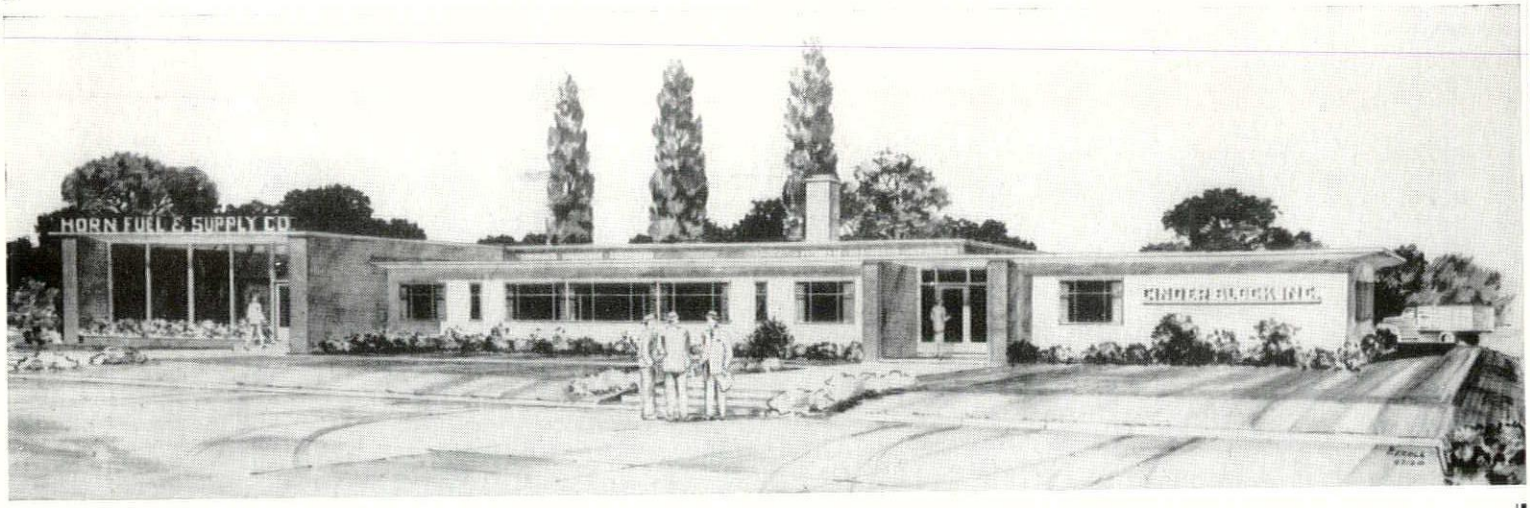
ARCHITECTURAL BRONZE

THE AMERICAN BRASS COMPANY

174 South Clark Avenue
Detroit 31, Michigan

General Offices: Waterbury 88, Connecticut

Announcing the Opening of Our New Office



JAHR AND LYMAN, Architects

STIBBARD CONSTRUCTION CO., General Contractors

AN ESTABLISHED DEALER
CARRYING A COMPLETE
LINE OF ALL
MASONRY & PLASTERING MATERIALS

Quality and Service Is Our Motto

HORN FUEL & SUPPLY COMPANY

9133 HUBBELL AVE.

DETROIT 28 VErmont 8-2200

MANUFACTURERS OF
CINDER CONCRETE MASONRY UNITS
SINCE 1923

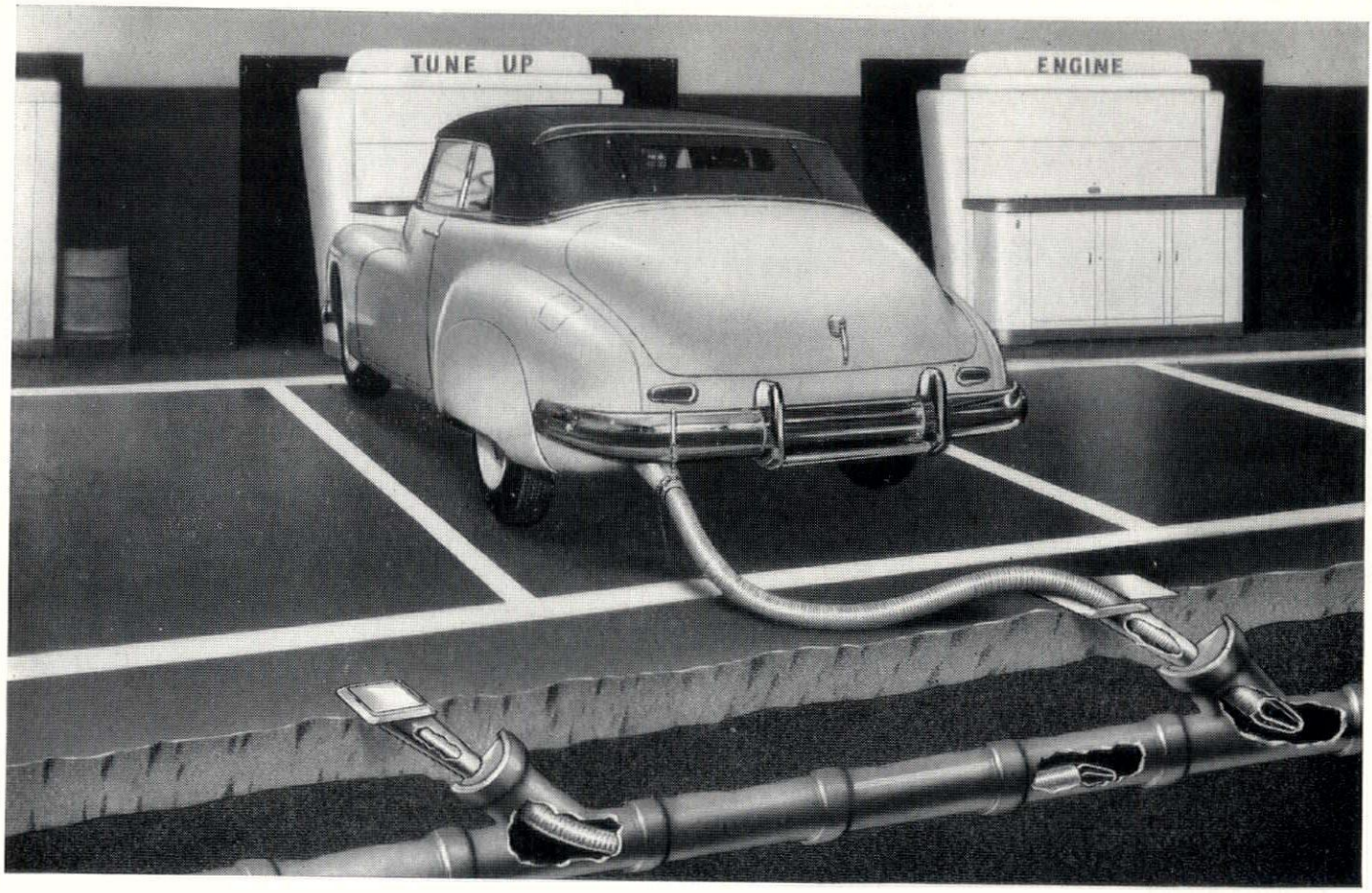
CONTROLLED QUALITY

CINDER BLOCK INC.

STEAM CURED

9143 HUBBELL AVE.

DETROIT 28 VErmont 8-3200



NEW DESIGN — NEW CONVENIENCE — NEW EFFICIENCY

It's the Improved KENT-MOORE

J 2980 MONOXIVENT

Exhaust Eliminating Fixture With *Concealed* Hose Assembly

After months of research and development, Kent-Moore offers a radical improvement in floor fixtures for exhaust eliminating systems—a fixture into which the entire flexible hose assembly disappears after use. The hose is completely concealed beneath the floor . . . protected from damage and loss. Yet it is always at hand, ready for instant use—you simply raise the hinged floor outlet cover, pull out the hose assembly, and attach it to the vehicle tailpipe.

The J 2980 Monoxivent fixture comes to you completely assembled and ready to install. Installation instructions are furnished with each unit. Underfloor duct and blower specifications, engineered for your requirements, are available upon request.

The unit consists of a stainless steel Flexible Hose Assembly with sheet metal tail pipe adapter, and a Floor Outlet Assembly with cast aluminum floor plate, sheet metal throat, and felt packing seal assembly.

J 2980 Monoxivent fixtures are available for immediate delivery. See your local Kent-Moore representative or write direct for complete information.

KENT-MOORE ORGANIZATION, INC., Executive Offices: GENERAL MOTORS BLDG., DETROIT 2, MICHIGAN
Factories and General Offices: JACKSON, MICHIGAN

See Your Local Kent-Moore Representative or Write Kent-Moore for Descriptive Literature

KENT-MOORE

ENGINEERS AND MANUFACTURERS OF SERVICE TOOLS AND EQUIPMENT

W. E. WOOD CO.

DETROIT 8 MICHIGAN

BUILDING CONSTRUCTION

1909 — 1949

FORTY YEARS

OUTSTANDING CONSTRUCTION SERVICE

HENRY J. BRENNAN
PRESIDENT

W. FRANK AUSTIN
VICE PRESIDENT

LEO P. RICHARDSON
SECRETARY AND TREASURER

Weekly Bulletin

Volume 23, No. 8 Feb. 22, 1949

Talmage C. Hughes, F.A.I.A. Editor

Theodore G. Seemeyer, Jr. Adv. Dir.

120 Madison Ave., Detroit 26, Mich.

Entered as second-class matter, Jan. 15, 1946, at the Post Office at Detroit, Mich., under the Act of March 3, 1879. Published Weekly. Subscription Price: $2 per year. (Members $1.00.)

5c per copy Special Numbers $1.00

SOCIETY STANDING COMMITTEES

(First Named Is Chairman)

ADMINISTRATION:

John C. Thornton
Joseph W. Leinweber
David H. Williams, Jr.
Arthur J. Zimmermann

PUBLIC and PROFESSIONAL RELATIONS:

Charles B. McGrew
Roger Allen
Wells I. Bennett
Robert B. Frantz

EDUCATION and RESEARCH:

Ralph W. Hammett
Leo M. Bauer
Carl C. F. Kressbach
Adrian N. Langius

SOCIETY SPECIAL COMMITTEES

APELSCOR

Charles B. McGrew
Joseph W. Leinweber
Alternates: George M. McConkey, Carl B. Marr

MID-SUMMER CONVENTION:

Adrian N. Langius
Robert B. Frantz
David H. Williams, Jr.

35TH CONVENTION COMMITTEE:

Edward G. Rosella
Talmage C. Hughes
Andrew R. Morison

LADIES COMMITTEE:

Vada Dow (Honorary)
Mary Alice Rosella Chairman
Margaret Hughes
Hazel Leinweber
Hazel McGrew
Helen Morison
Barbara Thornton
Madge Williams

MICHIGAN BUILDING INDUSTRY BANQUET COMMITTEE:

Paul R. Marshall, Chairman

REPRESENTING PRODUCERS' COUNCIL:

William E. Ogden
Dayton L. Prouty
Walter J. Torbet

REPRESENTING THE BUILDERS and TRADERS EXCHANGE:

Alfred R. Brodine
Edwin J. Brunner
Paul R. Marshall

REPRESENTING THE MICHIGAN SOCIETY OF ARCHITECTS:

Talmage C. Hughes
Andrew R. Morison
Edward G. Rosella

1949 ARCHITECTS SHOW

Earl W. Pellerin, Chairman

Consultants: Alden B. Dow, Eliel Saarinen

STEERING:

William A. Wolfenden
Helen L. Fassett
Talmage C. Hughes
Donald Munson
Earl W. Pellerin

DESIGN:

Harry A. Morris, Jr.
Frank Montana
George Harris
Stanley Fleischaker
Paul B. Brown
Jonathon Taylor
Warren Platner

CITY PLANNING:

Donald Munson
L. M. Wetzel
Dorothy Taylor
Frederick J. B. Sevald, Jr.
Louis G. Redstone
Philip Brezner
Lynn Smith
Alden Smith

EXHIBITION:

Paul A. Brysselbout
Paul E. Flanagan
Ralph W. Hammett
James B. Hughes

FINANCE:

Julian R. Cowin
Gerald G. Diehl
Cornelius L. T. Gabler
Gerald M. Merritt
Andrew R. Morison

JURY:

J. Henderson Barr
Ralph W. Hammett
James B. Hughes
Owen A. Luckenbach
Henry F. Stanton

INVITATION:

Roger Allen
Wells I. Bennett
Clair W. Ditchy
George F. Emery
Adrian N. Langius

PRESENTATION:

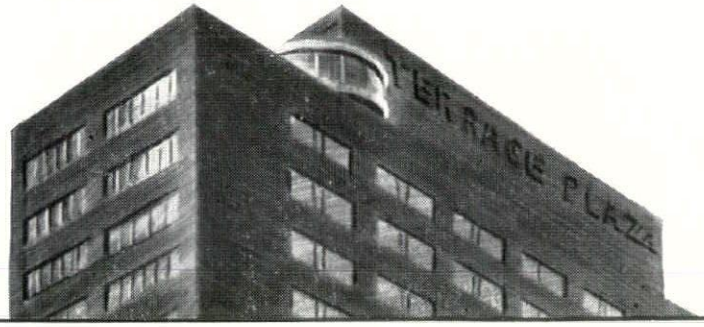
Morris Jackson
Helen L. Fassett
Marion Bemis
T. Ledyard Blakeman
Merle Hendrickson

PUBLICITY:

Richard Fredericks
Talmage C. Hughes

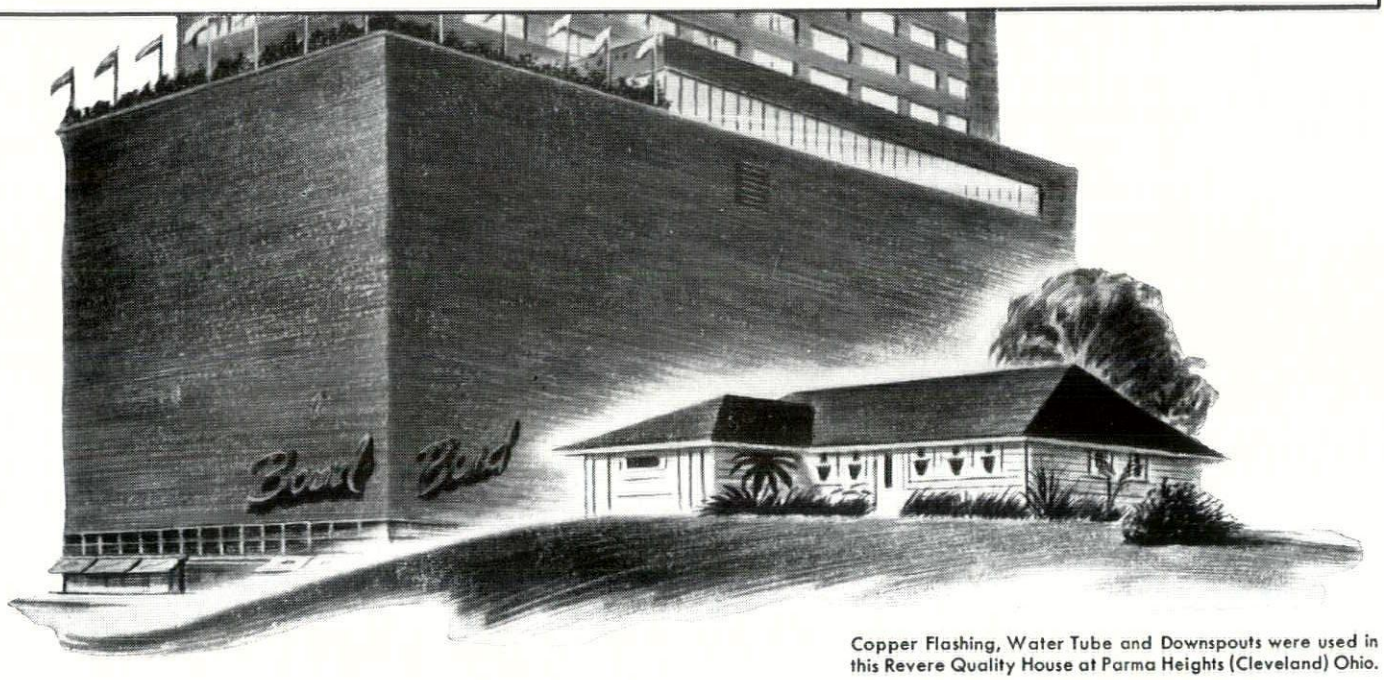
PAST PRESIDENTS

1914—F. Gordon Pickell
1915—F. Gordon Pickell
1916—William G. Malcomson
1917—William G. Malcomson
1918—Edward A. Schilling
1919—Edward A. Schilling
1920—Clarence Cowles
1921—Alvin E. Harley
1922—Walter E. Lentz
1923—Marcus R. Burrowes
1924—George J. Haas
1925—George J. Haas
1926—John C. Stahl
1927—John C. Stahl
1928—Lancelot Sukert
1929—Lancelot Sukert
1930—Lancelot Sukert
1931—H. Augustus O'Dell
1932—H. Augustus O'Dell
1933—H. Augustus O'Dell
1934—Clair W. Ditchy
1935—Clair W. Ditchy
1936—Andrew R. Morison
1937—Andrew R. Morison
1938—Kenneth C. Black
1939—Kenneth C. Black
1940—Branson V. Gamber
1941—C. William Palmer
1942—C. William Palmer
1943—John C. Thornton
1944—John C. Thornton
1945—Roger Allen
1946—Roger Allen
1947—Adrian N. Langius
1948—Adrian N. Langius
1949—Alden B. Dow



Terrace Plaza Hotel, Cincinnati, Ohio, in which some 135,000 pounds of Revere Copper Water Tube were installed.

IN BUILDINGS LARGE OR SMALL
REVERE PRODUCTS INSURE QUALITY



Copper Flashing, Water Tube and Downspouts were used in this Revere Quality House at Parma Heights (Cleveland) Ohio.

TROUBLE always costs more than Revere Copper. That's why—in every type of building—it pays to let *lasting* Revere Copper guard those vital points where water will cause other materials to rust, rot or corrode.

ROOFING, GUTTERS, FLASHING. Copper is the most enduring of all the commonly used sheet metals when exposed to the elements. In addition, the Revere Research Laboratories have developed engineered specifications that help you combine quality and economy in every type of sheet metal construction. This data is in the files of most of the leading architectural offices.

PIPING. Used as piping for heating systems, water supply and waste lines, Revere Copper Water Tube provides a lifetime of trouble-free service. The interiors of this tube do not become clogged by corrosion; and remaining permanently smooth, they reduce frictional resistance to a minimum. In addition, because Revere Copper Water Tube bends readily, and joints are made quickly with solder fittings, this tube is easier to install.

ORNAMENTAL AND STRUCTURAL METALS. You can achieve unusual decorative effects—combined with sound, lasting construction—through the use of Revere panel sheets and extruded shapes. Revere panel sheets are made in architectural bronze, nickel silver and copper; extruded shapes in architectural bronze, nickel silver and aluminum.

The products above and other Revere products of copper, brass and bronze are available from leading distributors throughout the United States. A Revere Technical Advisor will always be glad to consult with you, without obligation.

REVERE

COPPER AND BRASS INCORPORATED

Founded by Paul Revere in 1801

230 Park Avenue, New York 17, New York

• • •

Michigan Division

5851 W. Jefferson Ave., Detroit 9, Michigan

MICHIGAN SOCIETY OF ARCHITECTS
THIRTY-FIFTH ANNUAL CONVENTION
Hotel Statler, Detroit

Thursday, March 3, 1949

8:30 A.M.—Meeting of the Board of Directors, at Breakfast, Parlor D., Statler

9:00 A.M.—Registration, Mezzanine Floor, Registration $1

10:00 A.M.—Official Opening of Business Session Michigan Room

President Alden B. Dow Presiding
Greeting to the Convention by the President

Minutes of the last Annual Meeting, as published in the Weekly Bulletin of March 23, 1948

Reports of Officers and Committees, as published in the Weekly Bulletin of December 21, 1948

Report of the Treasurer, Arthur J. Zimmermann
Report of Auditors for Treasurer's Report

12:30 P. M.—Luncheon Hour—No organized Luncheon or Program Scheduled

2:00 P. M.—Seminar—"The Architect's Responsibility as an Architect"

Leo M. Bauer, A.I.A., Presiding

Speakers: Leo M. Bauer, Director, M.S.A.
Charles B. McGrew, Director, M.S.A.
William E. Kapp, F.A.I.A.

Friday, March 4, 1949

10:00 A.M.—Seminar—"Housing the American Family"
Ralph W. Hammett, Vice-President, Presiding

Harry J. Durbin, Past President, Michigan Association of Home Builders
"The Problem as the Builder and Real Estate Man Sees It"

James H. Inglis, Director-Secretary, Detroit Housing Commission

"The Housing Problem in Detroit"
Ownen A. Luckenbach, A.I.A.
"The Architects's Part in the Solution of the Problem"

12:30 P. M.—Luncheon Hour—No organized Luncheon or Program Scheduled

2:30 P. M.—Delegates and Guests will visit the 1949 Architects Show, in a body, at The Detroit Institute of Arts

6:00 P. M.—Cocktail Party—Compliments of the Builders and Traders Exchange of Detroit, Ball Room Floor, Statler

7:00 P. M.—Seventh Annual Michigan Building Industry Banquet, Grand Ball Room, Wayne Room and Bagley Rooms

Those to be seated at the Speaker's Table will assemble in Parlor A
Toastmaster, Roger Allen, Past President of the Michigan Society of Architects

Address: The Honorable G. Mennen Williams, Governor of the State of Michigan

(Tickets must be reserved in advance)

ADJOURNMENT OF THE CONVENTION

All sessions of the Convention are open to the public, including Ladies

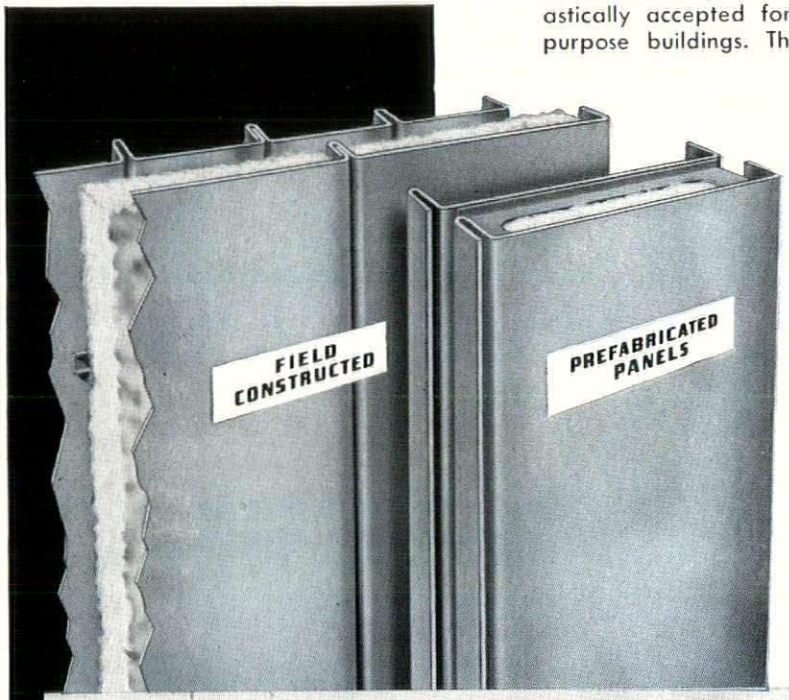
Some special events are being planned for the Ladies

INSULATED STEEL WALLS

and STEEL DECK ROOFS

for INDUSTRIAL and COMMERCIAL BUILDINGS

Here are two types of Mahon Insulated Steel Walls which have been enthusiastically accepted for certain types of industrial, commercial and special purpose buildings. The "Field Constructed" Wall—which appears in the illustration below—has stiffening ribs at six inch centers on the outside of the wall . . . the inside surface of the wall is smooth, with an interlocking joint at one foot centers. Walls constructed with the "Prefabricated Panels" have stiffening ribs at one foot centers on the exterior side, while the inside surface is the same as the "Field Constructed" Wall. Pilaster effects, visible in the illustration below, are obtained by reversing standard wall plates. Where desirable, both types of wall can be furnished with exterior plates of Stainless Steel. Thermal properties are excellent—Coefficient "U" is equivalent to an 18" solid masonry wall. This type of wall construction in combination with Mahon Steel Deck Roofs costs less, provides a firesafe, permanent building which can be quickly and economically erected. Complete information and construction details appear in Sweet's Architectural and Engineering Files.

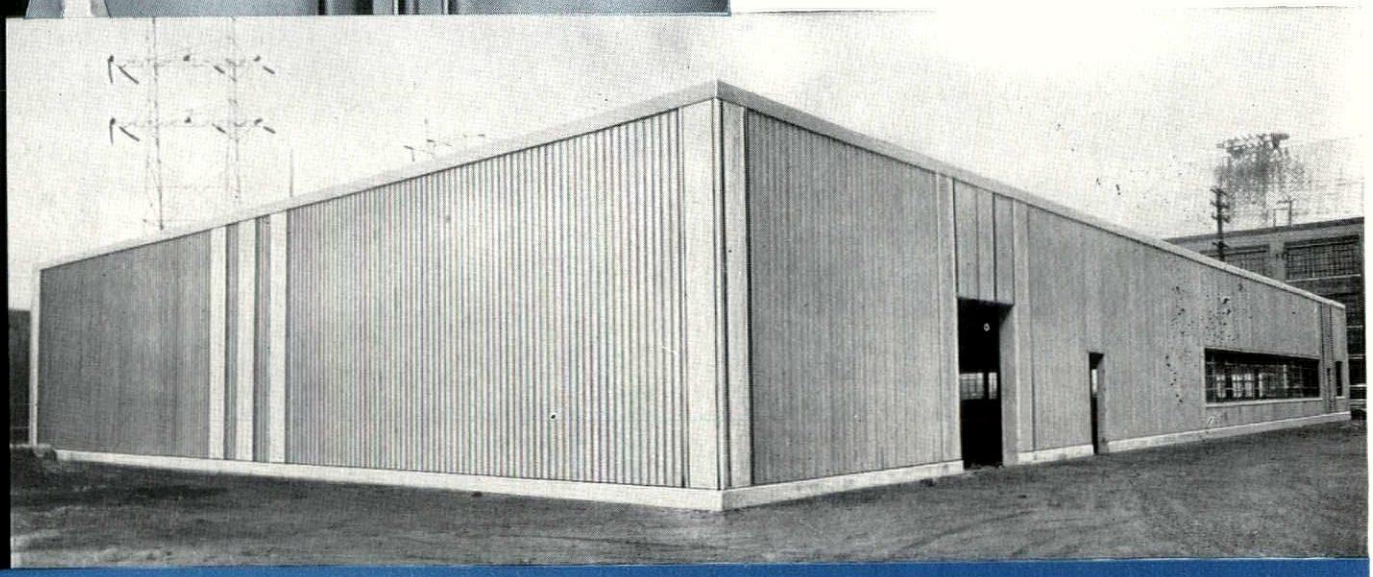


THE R. C. MAHON COMPANY

Detroit 11, Michigan • Chicago 4, Illinois

Representatives in all Principal Cities

Manufacturers of Insulated Steel Walls, Steel Deck for Roofs, Ceilings, Floors, Partitions and Doors. Rolling Steel Doors, Grilles, and Underwriters' Labeled Rolling Steel Doors and Fire Shutters.



The building above, 80 ft. x 160 ft., was constructed with Mahon Insulated Steel Walls and Mahon Steel Deck Roof for Consumers Power Co., Jackson, Mich.

MAHON

ATTEND THIS "BEST CONVENTION-OF-ALL"

In this issue will be found a list of the past presidents of the Michigan Society of Architects, from 1914 to the present. The writer has served under all of them since 1926 and can truthfully say that each year there seemed to be some special reason why the convention of that time was something special, set apart from those that had gone before. Certainly, this one is no exception.

The Society has made steady progress from year to year and each president has distinguished himself in serving the Society in an unselfish manner. We feel that this year special attention should be directed to the fact that at this convention we will have no election, no reports of officers and committees. Under our new plan of organization, these details were taken care of at the Society Board meeting in December. Now the three chapters of The American Institute of Architects elect directors, according to their number of members—Detroit, 7; Western Michigan, 4, and Saginaw Valley, 2. These elected directors then elect their own officers from among their members at the Board meeting in December, ready for them to take office on the first of the year. Therefore, this year we have lost one of the principal features of a convention—the election of officers and directors. However, when we lose one feature we gain another. Procedure at convention will be greatly simplified and more time will be available for discussion of matters of vital interest to members.

We do want to call attention to the fact that the officers who retired at the December meeting of the Board had done an outstanding job, and this goes double for the president, Adrian N. Langius.

President Dow, who has just taken over, will undoubtedly add to the laurels and continue the unbroken chain of events that have meant steady progress. Even before Alden became president, when he was chairman of the Society's Committee on Education and Research, he made distinct contributions to the Society's progress. He organized the idea of an architects' show, which went through a year of work and almost emerged as the greatest spectacle ever attempted hereabouts. However, it did not come about, but Alden never lost hope. He is like that. He immediately set about to consummate something that could be accomplished and that would meet with the approval of the Society. In both of these efforts Earl W. Pellerin was the guiding spirit. He brought the first attempt almost to fruition, and the fact that it was not accomplished did not deter him. He again set out to put on a show that would reflect credit to the Society. The result is the 1949 Architects Show at The Detroit Institute of Arts, the feature of this Convention.

Your editor has visited the show, in the making, and can state that it far surpasses anything ever before attempted here. The nucleus is the Saarinen models of the Detroit Civic Center group, together with a city plan-

ning model measuring some twenty-six feet in diameter. Then there are models, drawings, sketches, renderings, photographs, etc. from the offices of many architects throughout Michigan.

We had the opportunity of previewing this show and saw many architects and draftsmen working like mad, getting the exhibit in order. Earl Pellerin, the chairman of the Show Committee, has done little else for months and there are others who have contributed greatly. On our recent visit, to see the work under construction, we had a talk with Harry Morris and he said "of course, Earl Pellerin has just about given full time to the project, but if you should want to mention any other as having contributed full-measure, don't forget Vic Basso. He has simply gone all-out to make this show a success."

Friday afternoon has been set aside for a visit to the show, by the architects and guests, in a body. It would be too bad if anything occurs to work against this. We have, therefore, asked that all convention activities be suspended during this period. It has been arranged for Tony Weitzel of Radio Station WJR to visit the Show and make a recording for future broadcast, with key men present to state the purpose of the show and explain what the architects are trying to bring out. In accordance with this same purpose, there will be architects on duty throughout the time—February 15 to March 5—to give information to the public. Such architects will volunteer their services. This should make for good public relations. When this is in print the opening will have been celebrated, but we are able to say that plans called for Mr. Edgar Kaufmann, Jr., Director of the Department of Industrial Design, Museum of Modern Art, in New York City, to be present at the opening and to make a broadcast over a Detroit radio station. Mr. Kaufmann was the scheduled speaker at a meeting of the Detroit Chapter, A.I.A., on the evening of February 16. He appeared under the auspices of The Metropolitan Art Association.

The Detroit Chapter of The American Institute of Architects will hold a pre-convention dinner meeting at the Rackham Building in Detroit on the evening of March 2. It is open to all architects throughout Michigan and it is hoped that members of the other two Michigan chapters will avail themselves of this invitation to come in early and be ready for the convention the next morning. The Chapter meeting will be devoted to discussions of matters to come up at the two conventions, the MSA and The AIA, at Houston. This should prove of interest to all architects in Michigan. At this meeting we will have Mr. Walter A. Taylor, Director of Education and Research, of The Institute, in charge of the seminars at the AIA convention. He will be able to answer questions as to the AIA convention and what subjects are to come up. This should be an important meeting.

The Board of Directors of the Michigan Society of Architects will meet at breakfast on the morning of March 3, in Parlor D of Hotel Statler. This meeting will be for the purpose of perfecting the plans for the convention and for other business of the Society.

The first business session will be held on Thursday morning, following registration, for the purpose of hearing the reports of the treasurer and such other matters as are not published in advance. At this session we will hear the President's message. It is not to be a report, since he has just taken office. However, he will make some recommendations and observations.

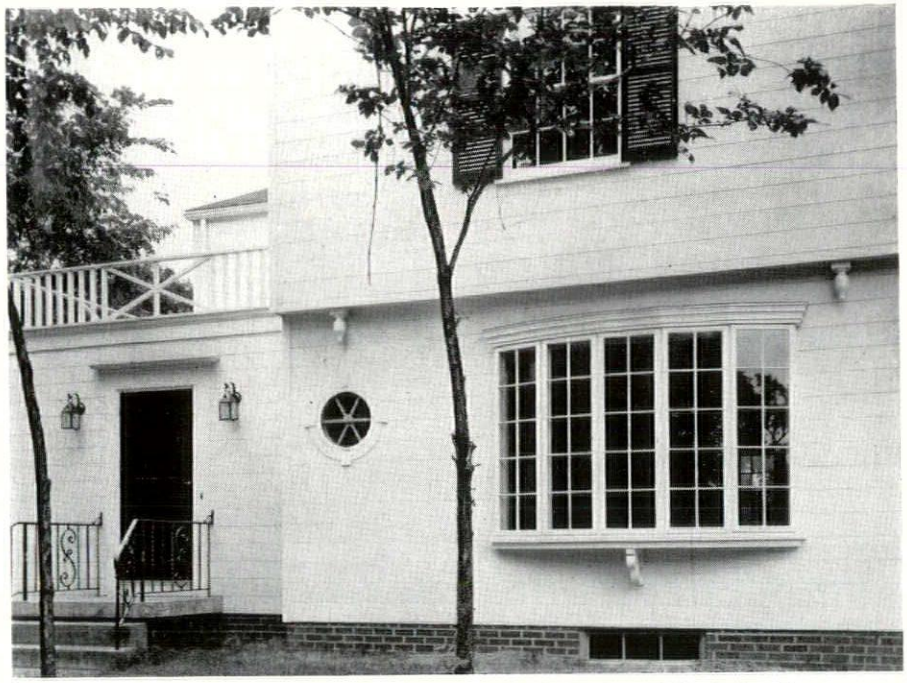
As far as we know now, there will be no luncheons of an organized nature. Everyone will make his own arrangements and eat wherever he chooses. There will be two seminars, one Thursday afternoon, devoted to the subject of The Architect and his Responsibility as an Architect. The other one will be devoted to the subject of The Housing Program, and will deal with housing, both public and private.

It is expected that at the seminars the vice-presidents of the Society will preside.

There will be special activities for the ladies. Mrs. Edward G. Rosella is chairman of this activity, and we can be sure that she will have something of interest in store. The wives of Detroit officers and directors of the Society are to assist her.

The Producers' Council, Inc., Michigan Chapter, will be in evidence

(See CONVENTION, Page 15)



The Bow Window pictured above is Curtis Design c-2700, designed for Curtis by George W. Stoddard, Architect. Bow Windows are growing in popularity. The circle sash is the Curtis "Rotovent" design.

For Those Who Want . . .

"Better Than Ordinary" Woodwork

1866 CURTIS WOODWORK SILENTITE PRE-FIT the "Insulated" window

Stop in, or phone, for the Curtis Catalog and Architect's Detail Sheets, if you do not have both in your files.

WE HAVE CURTIS KITCHEN CABINET UNITS FOR QUICK DELIVERY

Fads in home designing and home building come and go. Untried materials—unknown products—wax and wane in popularity. But one fact stands out clearly for you as an architect: Your future profits, your continuing security depend on lasting value and popularity of the homes you design and build for your clients.

For 83 years, Curtis has been building the kind of reputation that many leading architects find useful to them in their work. Today, Curtis Woodwork and Curtis Silentite Windows are known throughout the land for their enduring value, their unquestioned quality, their genuinely superior features. Widespread and consistent advertising and sales promotion continually reinforce and strengthen the preference for Curtis Architectural Woodwork.

We have sold Curtis Woodwork in the Detroit area for many years. We KNOW it is high quality—ALWAYS. When you want superior quality—at stock woodwork prices—specify CURTIS.

ALBERT B. LOWRIE LUMBER CO.
14541 MICHIGAN DEARBORN
OREGON 1111

LOWRIE LUMBER CO.
6408 W. VERNOR DETROIT 9
VINEWOOD 1-1700

BRAUN LUMBER CO.
1555 E. DAVISON DETROIT 3
TOWNSEND 8-0320

RESTRICK LUMBER CO.
14400 WYOMING DETROIT 21
WEBSTER 3-4830

GOVERNOR WILLIAMS SPEAKER AT BANQUET

The Michigan Building Industry Banquet Committee was fortunate in securing the Honorable G. Mennen Williams as Guest of Honor and Speaker at the Banquet Friday evening, March 4, the concluding event of the Society's Thirty-Fifth Annual Convention. It is believed that this will further our good public relations with the Governor and the State Administration. We hope that the Governor will find it worth his while.

Governor Williams was graduated with honors from Princeton University in 1933, and from the University of Michigan in 1936. At Michigan he was president of the Student Senate and was on the Law Review. He was active in sports, having played baseball, basketball, football on his school team. He also skied. He was on the varsity crew, class wrestling and football at college.

The Governor was born in Detroit on February 11, 1911, in the family's home on the site where the Detroit Historical Museum now stands. His father was Henry P. Williams, Detroit civic leader, descended from a Michigan family that was founded by a French-Canadian soldier who fought for the United States under the Polish General, Thaddeus Kosciusko. His mother was Elma Mennen Williams, daughter of the German immigrant who founded the Mennen Company.

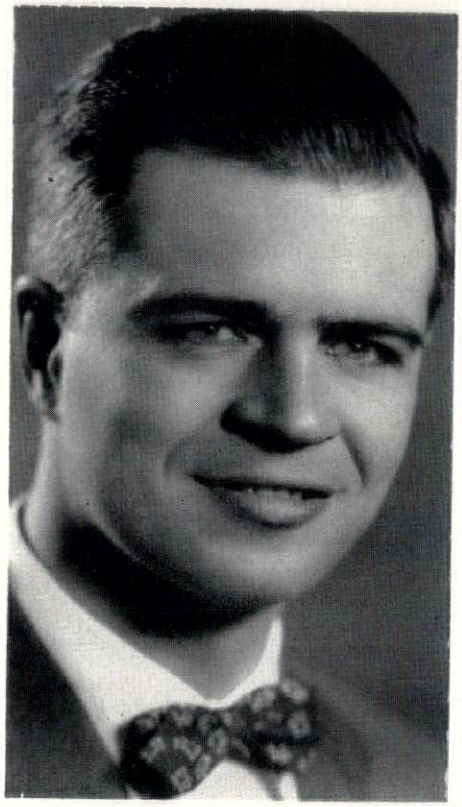
His wife, Nancy Quirk Williams, is a member of a pioneer paper manufacturer of Ypsilanti, Michigan, related to the former Attorney General of Michigan. There are three Williams children.

Mr. Williams was commissioned a Lieutenant (j.g.) in the U.S. Naval Reserve on May 12, 1942. He saw active duty, mostly as an Air Combat Intelligence Officer, in 1942-46. He served on the carriers Bunker Hill, Essex, Hornet, and Yorktown, being separated from the service as Lieutenant Commander in August of 1946. His reserve status is that of Member, Organized Reserve as an Air Combat Intelligence Officer.

He was decorated with the Legion of Merit with Combat "V"; Asiatic- Pacific Area Campaign Ribbon with 10 battle stars; Philippine Liberation Ribbon with one star; American Area Campaign Ribbon: World War II Victory Ribbon; Presidential Unit Citation with three stars.

As to Mr. Williams' public service record, he was a member of the Michigan State Liquor Control Commission, 1947-48, and supervised the merchandising of $125,000,000 of wholesale and retail business, with 1,000 employees throughout the State. He was Deputy Director of OPA for Michigan, 1946-47, in which capacity he worked with local volunteer boards and special advisory groups; coordinated enforcement, prices, and board operations, supervised 1,000 employees throughout the State.

As Special Assistant to the Attorney General of the United States, 1940-41, he participated in grand jury investigations and prosecutions of frauds in the sale of liquor to the State of Michigan. As Executive Assistant to the United States Attorney General in 1939-40, he supervised 10,000 employees in the Department of Justice.



HONORABLE G. MENNEN WILLIAMS
Governor of Michigan

In 1938 he was Assistant Attorney General of Michigan under Raymond W. Starr, and acted as advisor to Auditor General and Secretary of State, worked with township supervisors on floating loans with Public Debt Commissions, served as Governor's representative on Milk Marketing Study Commission, drafted State act, coordinated work of industry, farmers, and labor groups, and served as Governor's representative on Housing Study Commission.

As attorney for the Social Security Board, Washington, D. C., 1936-37, he assisted in drafting the Michigan Unemployment Compensation Act.

Mr. Williams has been a member of the Michigan Bar since 1936, Bar of the United States Supreme Court since 1940. He is a member of the Detroit law firm of Griffiths, Williams and Griffiths. He is a member of the Eagles and various veterans' organizations, a Junior Vestryman of St. Paul's Cathedral in Detroit.

CONVENTION, from Page 13

throughout the convention, as they have always been. They have always added so much to the enjoyment of our affairs.

The Builders and Traders Exchange of Detroit have very generously agreed to be hosts at a cocktail party just precedeing the Banquet. This is one of the finest gestures that we can imagine. We have reserved all of the facilities the Statler has for this event and the Banquet, and we believe that they will be taxed.

This means that the convention will practically be closed at noon on Friday, for the afternoon will be devoted to a visit to The Detroit Institute of Arts to view the Show, then the cocktail hour, and the banquet. We cannot too strongly emphasize the importance of the Michigan Building Industry Banquet, the seventh in this series. Paul Marshall, as chairman, has done a wonderful job and this should certainly be the best yet. We have as speaker The Honorable G. Mennen Williams, Governor of the State of Michigan. We believe that this is an excellent opportunity for the Society to become better acquainted with the state administration and we hope for the Governor to become better acquainted with the entire building industry in Michigan. There will be music and singing at this event.

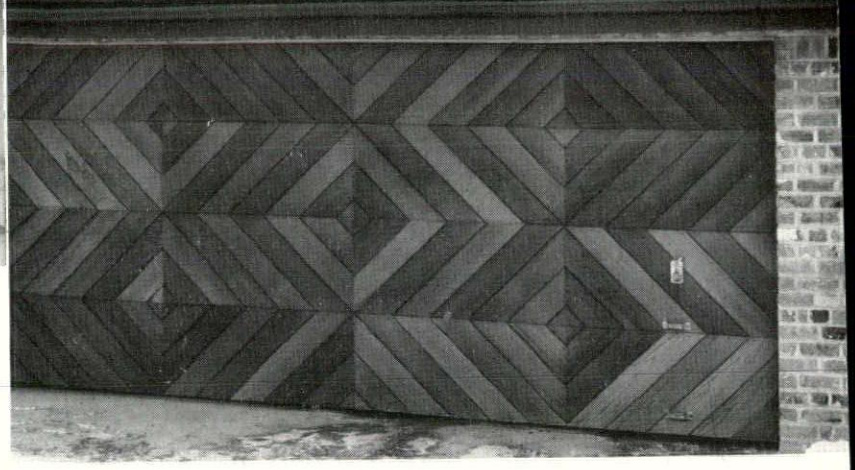
The toastmaster will be none other than the famous Roger Allen, who has been in demand far and wide in that capacity throughout the nation.

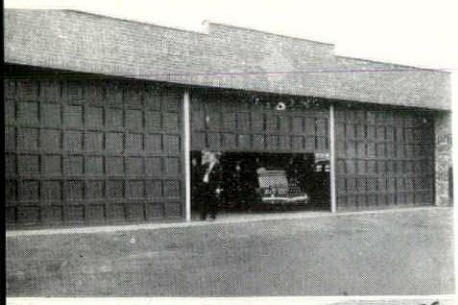
The seminars alone at this convention should be well worth while for an architect to come to Detroit for two days. A seminar is something at which one member of a profession tells of what he has learned about a subject, and we can all profit by keeping up to date.

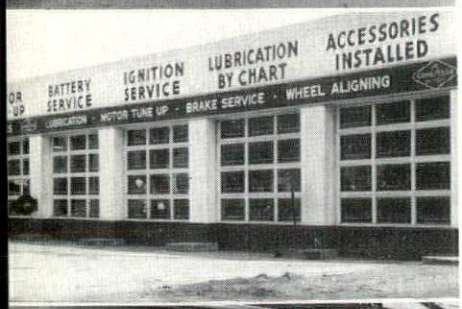
Detroit and Michigan has led in many ways for years past. Why not hold on to these gains and even add to them by contributing your part in such events at this convention.

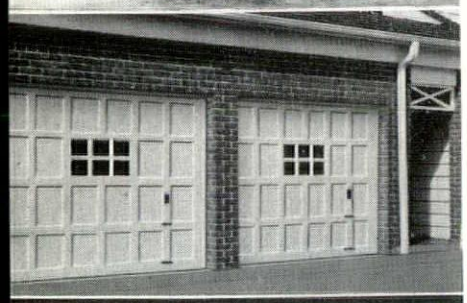
IN MEMORIAM

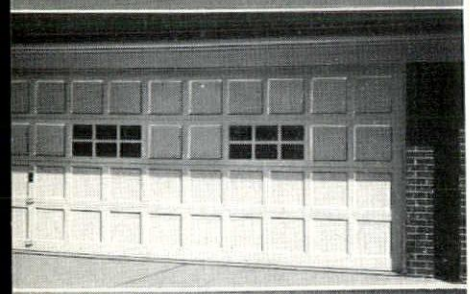
Edward C. Fisler
George J. Fuchs
Derrick Hubert
William G. Kaelber
George D. Mason
Harry L. White

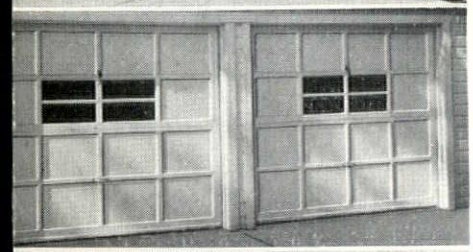


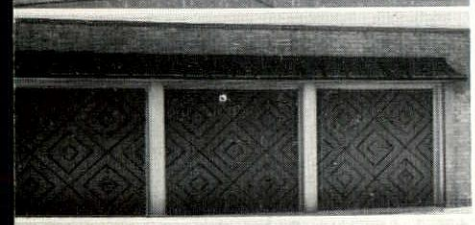












Stock and Special Designs

for Every Application in

Crawford *MARVEL-LIFT* Doors

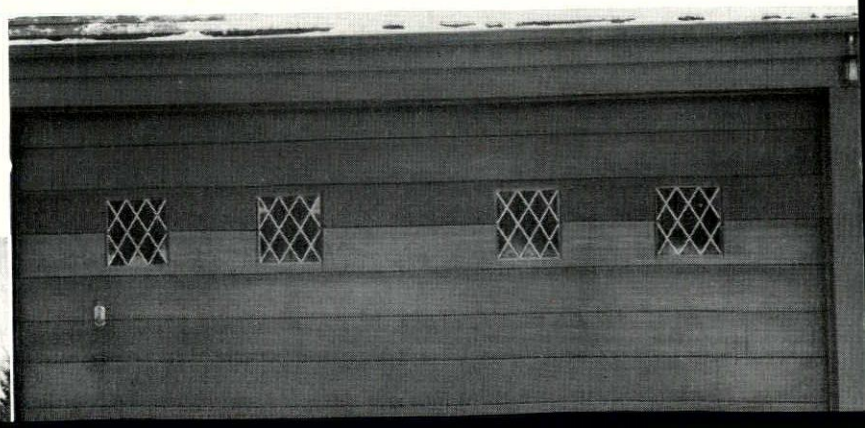
There's practically no limit to what you can do with Crawford Marvel-Lift Doors. Stock designs blend happily with all traditional motifs and provide a valuable touch of distinction in a utilitarian appliance. Special designs offer opportunity for individual expression in an area which is important not only because it is large but also because often it is so prominent. All doors offer the advantage of the exclusive Marvel-Lift Mechanism which is so efficient that industrial doors up to 14' x 14' can be operated by hand. Crawford "Doormaster" is for installations where as little as 3/4" headroom above the opening is available. Sold, installed, guaranteed and serviced by one, nation-wide organization.

We're holding Open House
again during the Convention.
Won't you drop in and visit?

STATLER HOTEL — MARCH 3 and 4
See Suite Number at Reception Desk.

Crawford Door Sales Company

4651 BEAUFAIT, DETROIT 7, MICH.
OLive 9300



THE PRESIDENT'S MESSAGE TO THE SOCIETY

By Alden B. Dow, President of the Michigan Society of Architects, of The A.I.A.

As I see it, the purpose of the Michigan Society of Architects is to assist in the selling and simplification of the practice of architecture. With this end in view, the jobs to be done by the Society are many. It has taken many years to bring this profession together as a whole but now, as far as Michigan is concerned, this is complete and our job from now on should be one devoted to the creative side of the organization.

In conforming with The American Institute of Architects, the Board of the Michigan Society is divided into three committees . . . first, the Administrative; second, Public and Professional Relations; and third, Research and Education.

The Administrative Committee, with John Thornton, chairman, David Williams, Arthur Zimmermann, and Joseph Leinweber, deals with the normal problems facing this committee, such as establishing a budget for the year and handling all the business matters relative to the Society. This year it is drawing up a new contract with the Weekly Bulletin. As some of the newer members may not know, this Bulletin is owned by the Michigan Society of Architects. The Society grants a concession to Talmage C. Hughes to edit and publish it for which he pays the Chapter $200 a year. In turn, the Society pays the Editor 50c per member, as subscription—about $250. This represents 403 members in the Detroit Chapter, 75 members in the Western Michigan Chapter, 19 in the Saginaw Valley Chapter and 16 non-resident members. The Administrative Committee is also investigating the possibilities of employing a part-time secretary who could handle the multitude of inquiries and various papers that are now handled by individuals who are already occupied with much work. It is considering the alteration of by-laws respecting the election of officers. Under the new by-laws this seems to be an awkward procedure. It is going to recommend a procedure for the establishment of honorariums in the Society.

The Public and Professional Relations Committee, with Charles McGrew, chairman, Wells Bennett, Roger Allen and Robert Frantz, handles a variety of problems facing this division. In addition to this, it is taking steps to modify state codes that hinder the development of good architecture. First among these is the law that regulates the height of ceilings in all housing. This law as written makes it difficult for an architect to do any designing with the spaces involved. It makes a minimum bedroom seem like a well and in general so upsets the scale pattern for a small house that it is practically impossible to build a small house possessing real charm and dignity. This committee is also assembling all state codes relative to building. At present, as you know, there is no central distributing place for these documents and the process of trying to secure them is a headache to any office.

ALDEN DOW, PRESIDENT, MSA

Alden Dow was born in Midland, Mich., April 10, 1904, was educated at the University of Michigan, School of Mechanical Engineering and at Columbia University, where he received a BA degree. He traveled in Japan in 1922; and in Europe in 1926 and 1929. He worked for Frantz & Spence of Saginaw, and for Frank Lloyd Wright, was registered in Michigan by examination in 1933 and began practice that year. He became a member of The A.I.A. (Detroit Chapter) in 1938, transferred to Saginaw Valley when that chapter was chartered in 1945. He is curently president of this chapter (2nd term). Joined M.S.A. in 1934.

Member: Michigan Housing Study Commission, 1938; City Planning Commission, Midland. Director, Midland Federal Savings & Loan Association. Grand Prix, residential architecture, Paris International Exposition, 1937. Author of many articles in architectural magazines.

The Education and Research Committee, with Ralph Hammett, chairman, Adrian Langius, Carl Kressbach and Leo Bauer, first of all is keeping a sharp eye on this year's architectural show because we feel that this is a real opportunity to present to the public the really great job that confronts the architect. We all feel that this show will not only be of value to the profession but to all the communities in the state that are trying to progress. We believe that after the Detroit showing, other chapters of this state, or other communities, will want to secure this show either in whole or in part in order to further the development of their own surroundings. This Committee is working to stimulate the use of this show and believes that this will mark the beginning of an annual event.

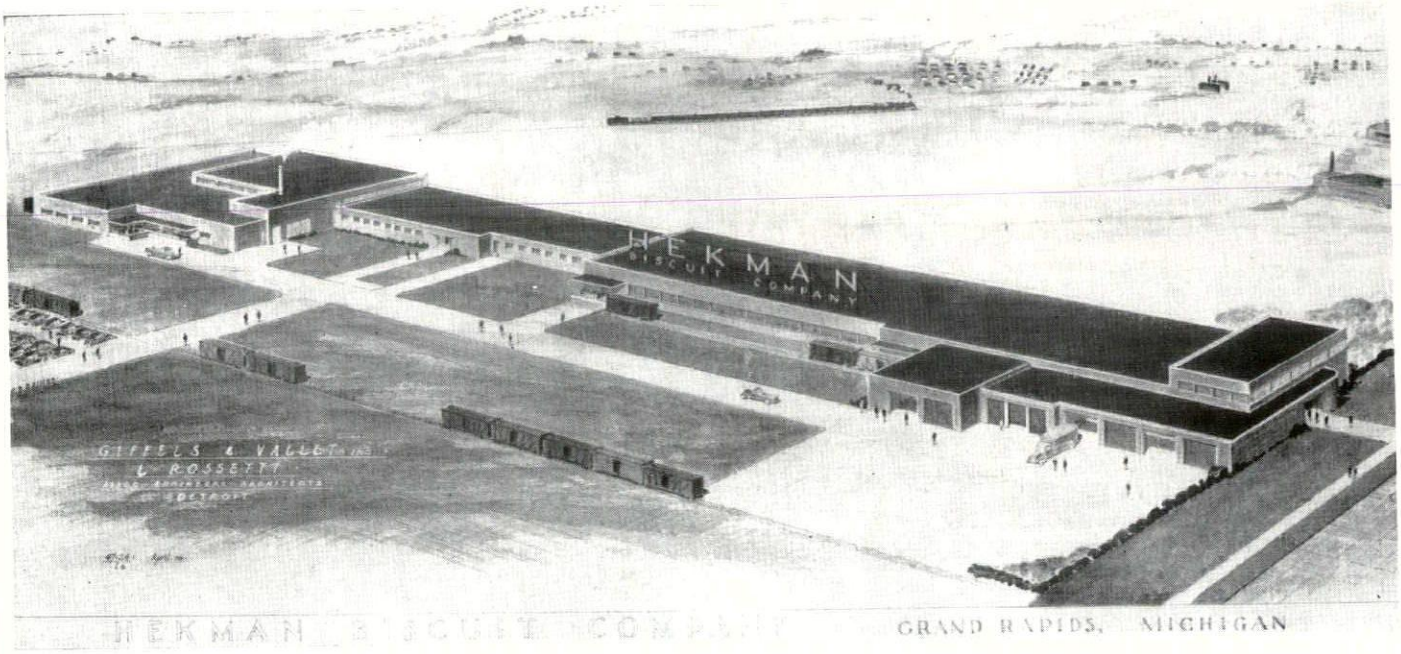
Another job of this committee is the development of material that can be published by the Weekly Bulletin. One suggestion in this direction is for the local chapters, their monthly meetings, to have a member present a subject relative to his practice, naming all the pitfalls and tricks he has learned, followed by a general discussion in which everyone in the meeting expresses his troubles and the ways he has discovered for solving them. This paper and discussion are then to be presented to the Weekly Bulletin for publication. This kind of publication would help the Bulletin to provide the Michigan Society with information relative to our own problems and should stimulate developments of various practices involving good building.

We have another committee devoted to the Summer Convention. At present this Committee, composed of Adrian Langius, chairman, Robert Frantz, David H. Williams and Carl Kressbach, is reviewing the possibilities for the time and location. You will probably hear more about this at the Convention.

Then there is that Committee with that mysterious name, APELSCOR, which means Architects, Professional Engineers and Land Surveyors Committee on Registration.

This Committee represents the profession of architecture, with the other groups, in matters of registration. Those serving on this Committee are Charles McGrew and Joseph Leinweber, with George McConkey and Carl Marr serving as alternates.

The Show Committee, which was organized a year ago, is carrying on as before under Chairman Earl Pellerin. The amount of effort that this Committee has contributed to this show is something that cannot be measured in the hours they have spent at meetings and actual work on the site. They are really living with it. I know that after you have seen the show you will really appreciate what I mean. This show, as you all know, is going to be held at The Detroit Institute of Arts starting on February 16 and continuing through March 5. I know you will all want to make more than one visit, so arrange your program now and see that it coincides with the convention meeting, because with the show and stimulating criticism, we should not only have something to see but something to hear and probably feel as well. I am looking forward to seeing you all in Detroit.



BUILDING GRAND RAPIDS AND WESTERN MICHIGAN
FOR HALF-A-CENTURY

CHURCHES, SCHOOLS, BANKS, OFFICE BUILDINGS, HOTELS, CIVIC AUDITORIUMS, POWER PLANTS, MANUFACTURING, FOOD PLANTS, BAKERIES, CLUBS, HOSPITALS AND RETAIL MERCHANDISING OUTLETS.

OWEN-AMES-KIMBALL CO.

Engineers and Builders

GRAND RAPIDS, MICHIGAN

Twenty Years of Toastmastering or We Have With Us Tonight, I'm Afraid

By Roger Allen

The Construction Industry banquet this year is an anniversary; one that the world would just as soon, if left to itself, forget.

It was just 20 years ago that Our Hero (me, in case you haven't been paying attention) first appeared before a singularly reluctant public as a toastmaster. It was at the convention of the Michigan Society of Architects in Grand Rapids in 1929. That was quite a year for different stuff, in case you remember. How history repeats itself. So do toastmasters.

I was very nervous that evening. Things are different today; now it's the audience that's nervous. Many a million words have gone under the bridgework since that night, and many a moving adventure I have had on the filet mignon circuit. Filet mignon my eye; flank steak prettied up a little, for the most part.

Brother, the Celery Circuit is a thing you have to experience to believe. Part of my time I was toastmaster but often I was speaker, and the quantities of too-green hotel peas, too-warm ice water and too-long speakers I have encountered in a fifth of a century would make your blood, anemic as you look from here, run cold. I could write a book.

The night, for instance, when I slid over an icy road driving 30 miles to make a speech in the gymnasium of a small-town school and the program consisted of a cowboy evangelist, who sang hymns, and me, who didn't. He sang about eight of them, in a powerful near-baritone, before I spoke. Then he described his conversion in Texas. I can imagine it. I have seen parts of Texas that would convert anyone to a belief in the hereafter. In fact I have seen parts of Texas that would convince you that you were IN the hereafter, after a life of debauchery. Then I spoke. When I got through the cowboy evangelist got right up again and remarked, "Well, I suppose humor is all right for them that like it. But now, to turn from the ridiculous to the sublime, I will sing 'Just a-Wearyin' for You."

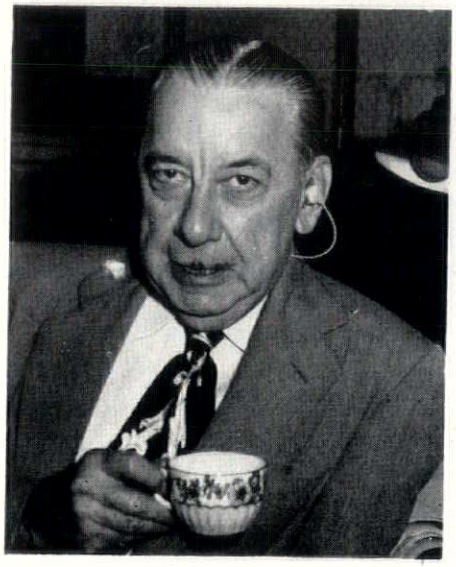
I was a-wearyin,' all right, but not for him.

And the night I made a speech to 950 inmates of the Ionia reformatory. All but 949 of them seemed to enjoy my remarks.

New York, Philadelphia, Chicago, Des Moines, Canton, Dayton, Miami Beach, Cleveland; I talked there. Also in Sand Lake, Kent City, Zeeland (Langiusville to you, Gus) Cedar Springs (Blackville to you, Ken) Grand Rapids (too many times) and Detroit.'

Sometimes I think it's time I shut up.

Mark a cross opposite "Yes" or "No."



ROGER ALLEN

BACK-FIRED AT RANDOM

A Fire Hazard With Exposed Wiring

RA has been referred to by many as brilliant; some as "'a character"—illustrated with footnotes on his lineage. Even Allen, himself has sometimes added to the confusion by playing the saxophone.

Personally, we like to think of him, first, as a good architect, then as columnist, lecturer, editor, humorist, the world's second-worst comedian and many other things. Even so, we often wonder what it is he has to buy that is half so good as what he has to sell.

Sometimes he has been programmed as the Sage of Grand Rapids, the Poet-Laureate of the Michigan Society of Architects, or An Architect with a Sense of Humor.

I always said that he would go far with proper billing.

In his office he affects a night club tan, smokes cigars as big as bananas and has tea with his staff each mid-afternoon (See cut).

For years he contributed a "letter" to Architectural Forum for every other issue. This was discontinued because the magazine was flooded with requests from people who wanted to subscribe for the Forum on an every-other-issue basis.

In his daily column in the Grand Rapids Press he hit upon the idea of a series called "Short Course in House-Building." The following is his discourse on Roofs:

"Roofs are of two types, flat and pitched. Owners of new roofs are of one type, flat, as roofs are very expensive.

"If there is a hole in your roof there will be a leak, but not where the hole

(See ALLEN—Page 24)

Builders & Traders

Edited by
E. J. BRUNNER
Secretary-Manager
BUILDERS' and TRADERS' EXCHANGE of DETROIT

A FRIENDLY HOUR

HERE'S HOW to get an apple pie order for the banquet.

Pre-processing is a trademark of our present civilization. No self-respecting ham would think of coming into your kitchen without being pre-cooked. "Oven-ready" turkey is well advertised. We would like our chicken bare. The day of the sturdy savage who would grab a chicken and gnash his way right through feathers and eat the raw meat is gone.

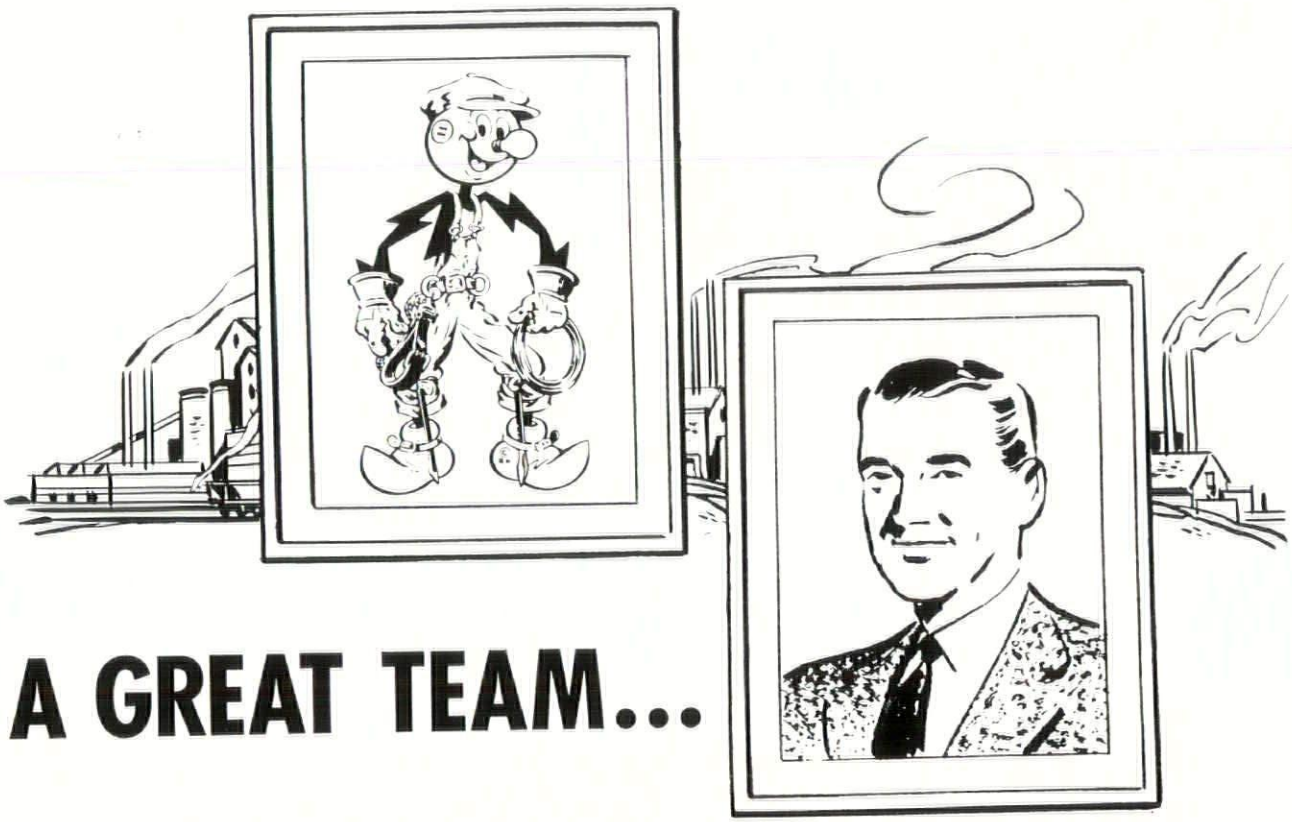
And who are we not to give thought to the un-preprocessed state of a man and his wife who arrive at the banquet floor of a big strange hotel to go to a banquet. Let us say that the man expects to know someone or quite a few men and that his wife is not optimistic about running into any of her pals. So they sort of freeze their way from the checkroom. And if they shortly are not in luck in finding a friend or so, it really does begin to get freezy.

Now the prelude to a banquet can be made into a very happy affair simply by advertising to all that as soon as they arrive on the premises, a cocktail hour is in store for them. Then as soon as they arrive they are taken by the hand and led to a room where many people are introduced to them—where there is action. Where old man care is brushed aside. Where inhibition is told to stay well on the job but not to monopolize things.

With all this in mind, the Builders and Traders Exchange of Detroit is going to put on a Cocktail Hour from six to seven as a prelude for the big industry banquet at the Statler Hotel on March fourth.

Of course, you know all about the banquet. You know it will climax the convention of the Michigan Society of Architects. With top-flight music, speakers, etc., we need say no more than that to convince you that this is going to be a wonderful banquet.

And remember—from six to seven o'clock you and your party are going to be guests at this cocktail hour. It's going to be a friendly hour. It is going to be a wonderful hour, and no one shall sit on the sidelines and not get acquainted. From the minute you come into the range of activities, the pre-processing will start, and when you enter the banquet hall from the cocktail rooms, we hope you will feel cheerfully at ease—that your wife will have met congenial friends—that you will feel that this tough old world has its friendly beautiful moments.



A GREAT TEAM...

"Reddy Kilowatt" and the Edison Lighting Specialist . . .

"Reddy Kilowatt", your electric servant, lights your place of business. His teammate, the Commercial Lighting Specialist can show you how to make the most of your lighting dollar.

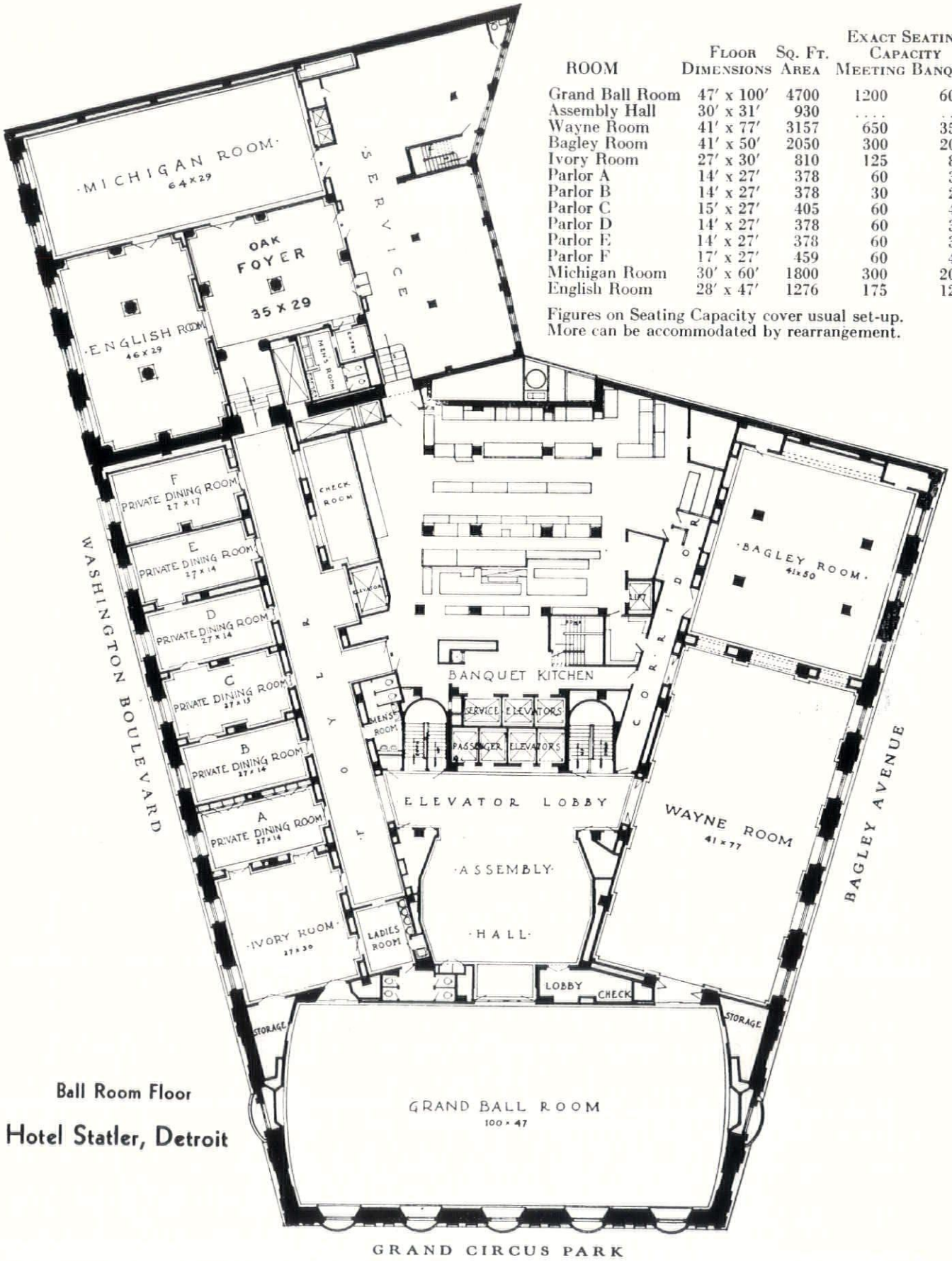
The Lighting Specialist is one of an expert staff of Edison lighting advisors. He's available for free consultation on your lighting problems—he can give you impartial, up-to-the-minute recommendations for your particular business.

Whether your place is large or small, Edison's lighting service doesn't cost—it pays! There's no obligation, of course. Just call WO 2-2100 and ask for the Lighting Division.

THE DETROIT EDISON COMPANY

ROOM	Floor Dimensions	Sq. Ft. Area	Exact Seating Capacity Meeting	Exact Seating Capacity Banquet
Grand Ball Room	47′ x 100′	4700	1200	600
Assembly Hall	30′ x 31′	930	....	....
Wayne Room	41′ x 77′	3157	650	350
Bagley Room	41′ x 50′	2050	300	200
Ivory Room	27′ x 30′	810	125	80
Parlor A	14′ x 27′	378	60	30
Parlor B	14′ x 27′	378	30	25
Parlor C	15′ x 27′	405	60	40
Parlor D	14′ x 27′	378	60	30
Parlor E	14′ x 27′	378	60	30
Parlor F	17′ x 27′	459	60	40
Michigan Room	30′ x 60′	1800	300	200
English Room	28′ x 47′	1276	175	120

Figures on Seating Capacity cover usual set-up.
More can be accommodated by rearrangement.



Ball Room Floor

Hotel Statler, Detroit

George B. Post & Sons were architects for the original unit of Detroit's Statler Hotel. Smith, Hinchman & Grylls, Inc., for the addition.

STRAN-STEEL FRAMING DEALERS of Michigan

YOU NAIL TO STRAN STEEL FRAMING

Engineering – Fabrication – Prompt Deliveries

Battle Creek Steel Fabricating Co.
BATTLE CREEK

Central Pipe & Steel Supply Co.
BENTON HARBOR

Fowler Sales Company
CHARLOTTE

Koehler Brothers
SAGINAW

Haven-Busch Company, Inc.
GRAND RAPIDS

Stevens Manufacturing Co.
MT. PLEASANT

McDaniel Tank Manufacturing Co.
HOLLY

Owosso Iron & Metal Co.
OWOSSO

Monroe Welding Shop
MONROE

Weaver's Welding Works
MARLETTE

E. J. Kahmann Construction Co.
PORT HURON

Steel Fabricating Co. of Muskegon
MUSKEGON

J. B. Lund's Sons
CHEBOYGAN

Unique Iron Works
JACKSON

Munger Welding Company
ADRIAN

Dearborn Fabricating & Engineering Co.
DEARBORN

Superior Steel Industries, Inc.
PONTIAC

Motyka's Welding Shop
LUDINGTON

Garcher Welding
DETROIT

Crum & Parr Machine Co.
McBRIDES

Marine Steel & Welding Company
RIVER ROUGE

Highland Park Steel Company
HIGHLAND PARK

J. P. Burroughs & Sons., Inc.
FLINT

Komar Company
KALAMAZOO

Production Welding Co.
DETROIT

Steel Fabricating Division of

LA SALLE ELECTRIC & MILL SUPPLY COMPANY

BIRMINGHAM, MICHIGAN

Telephone: Birmingham 2150

DETROIT — YOUR CONVENTION CITY — SCENE OF THE MICHIGAN SOCIETY OF ARCHITECTS THIRTY-FIFTH ANNUAL CONVENTION

This prize photograph is by Elmer L. Astleford. Looking east from Fort Street, between Griswold Street and Woodward Avenue.

ALLEN—From Page 19

is. This phenomenon is known as Quoony's law of physics, and has made millions of dollars for roofing contractors. If roofs were to leak where the break in the roofing is located, anybody could fix them but, owing to their curious habit of leaking about eight or nine feet away, the services of an expert are required. He will then crawl around the roof and fix the original leak. Naturally, there will be five or six new leaks where he crawled, but one can't have everything."

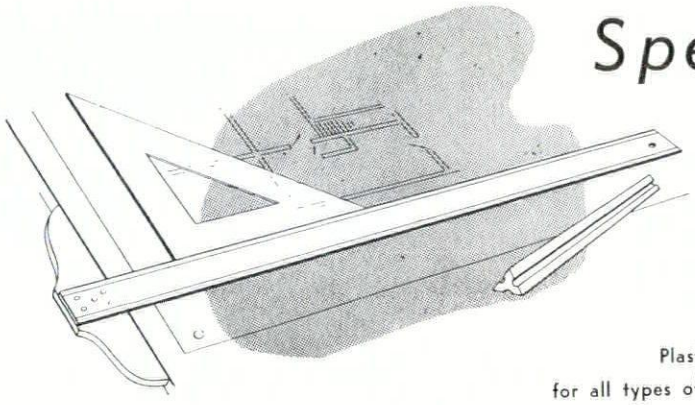
CONVENTION CITY

AT RIGHT:

Night view of Fisher Building, West Grand Boulevard at Second Avenue, Detroit.

Albert Kahn Associated Architects and Engineers, Inc.

Detroit News Photo



Specify MARLITE

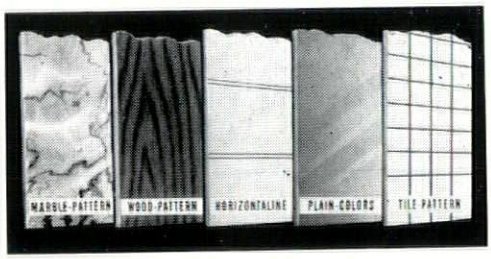
for WALLS and CEILINGS

in All Types of Interiors

Plastic-finished Marlite is an "architect's material" . . . for all types of rooms, in all types of buildings. It permits, without creative restrictions, the RANGE of interior design you want for a host of decorative effects, new and conventional.

Large-size, factory-finished panels come in a wide variety of colors, make installation easy, practical and economical for new construction and remodeling alike.

To convert, consistently, interior ideas into client satisfaction . . . specify Marlite.



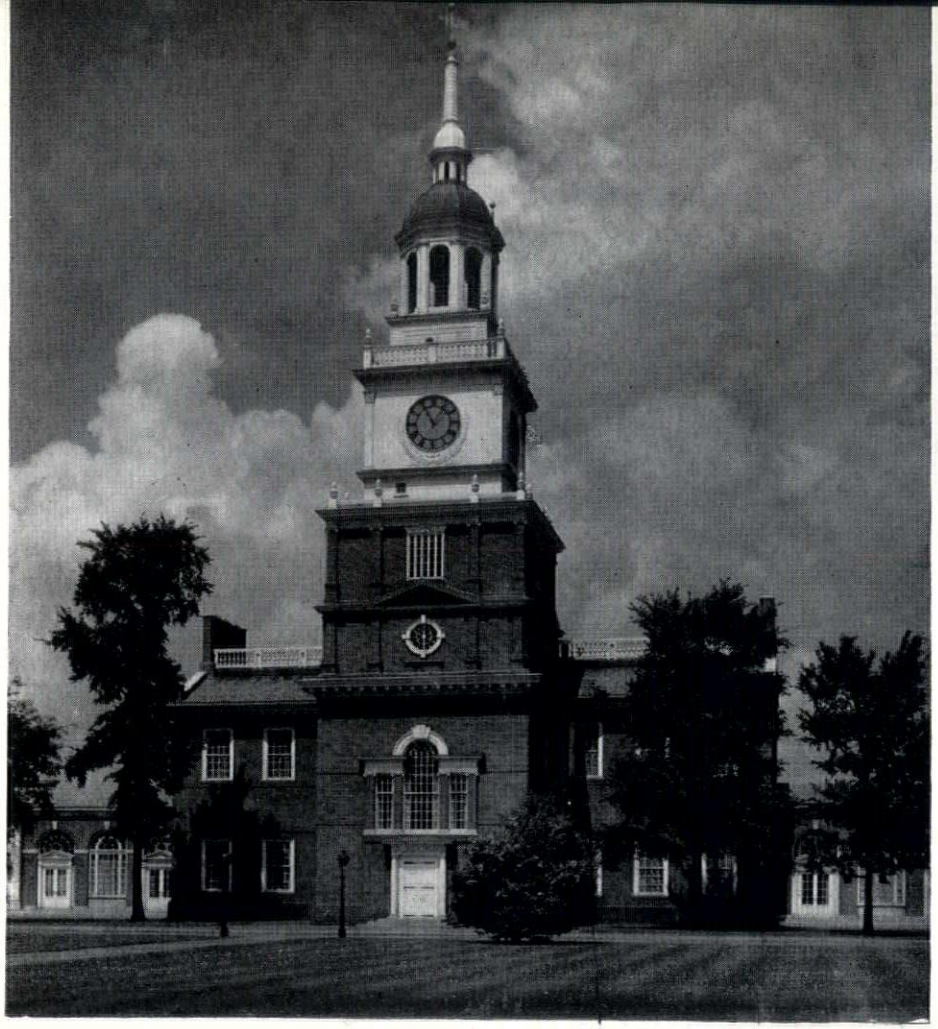
PLAIN COLORS • HORIZONTALINE • TILE PATTERN • MARBLE PATTERN

Marlite®

MARSH WALL PRODUCTS, INC.

4971 Main Street, Dover, Ohio

PLASTIC-FINISHED WALL PANELS • FOR CREATING BEAUTIFUL INTERIORS



AT LEFT:

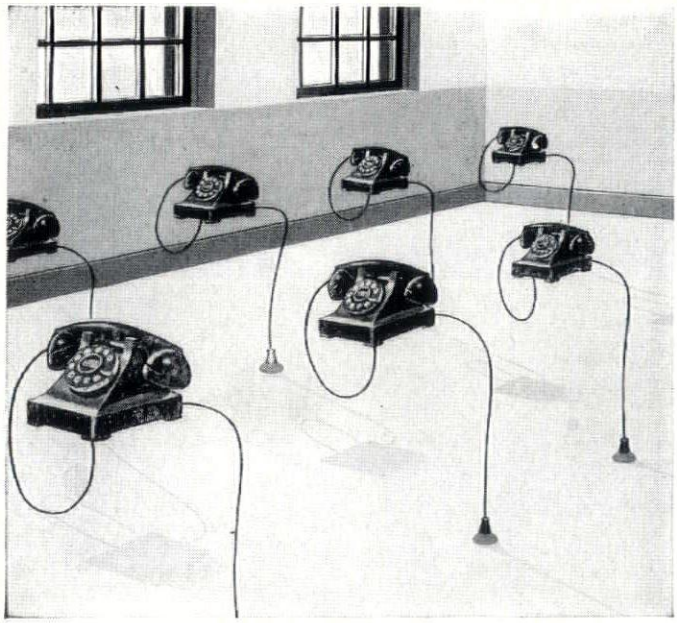
Edison Institute
Dearborn, Mich.

Derrick & Gamber,
Architects

This unit of the Ford Foundation, Museum and Greenfield Village, is a must for Detroit visitors.

Detroit News Photo

Here's one way to look at an office plan



If your client could look far enough into the future, he might be able to say with certainty that X number of telephones, located just so, would answer his needs.

But business conditions change. Departments are reorganized. Physical alterations must be made in floors or whole buildings. The telephone set-up must be revised accordingly.

By including ample raceways for telephone wires under floors and in walls during initial construction, telephones can be moved anywhere, any time, without tearing up flooring or breaking through plaster. The comparatively small added cost during construction means savings in the future.

We shall be glad to co-operate in planning facilities for telephone wiring. In Detroit, call WOodward 3-9900, Extension 2624 and ask to have a telephone engineer visit your office. Elsewhere, call the local telephone business office.

MICHIGAN BELL TELEPHONE COMPANY

Protect Against

FIRE - WEATHER - WEAR

with Johns-Manville Building Materials

- Asbestos Roofing Shingles
- Asbestos Siding Shingles
- Asphalt Shingles
- Rock Wool Home Insulation
- Insulating Boards
- Asbestos Flexboard
- Built-Up Roofing
- Asbestos Corrugated Transite
- Asphalt Tile Flooring
- Terraflex Asbestos Tile
- Acoustical Materials
- Transite Movable Walls

For full information, call nearest office

JOHNS MANVILLE JM PRODUCTS

Johns-Manville

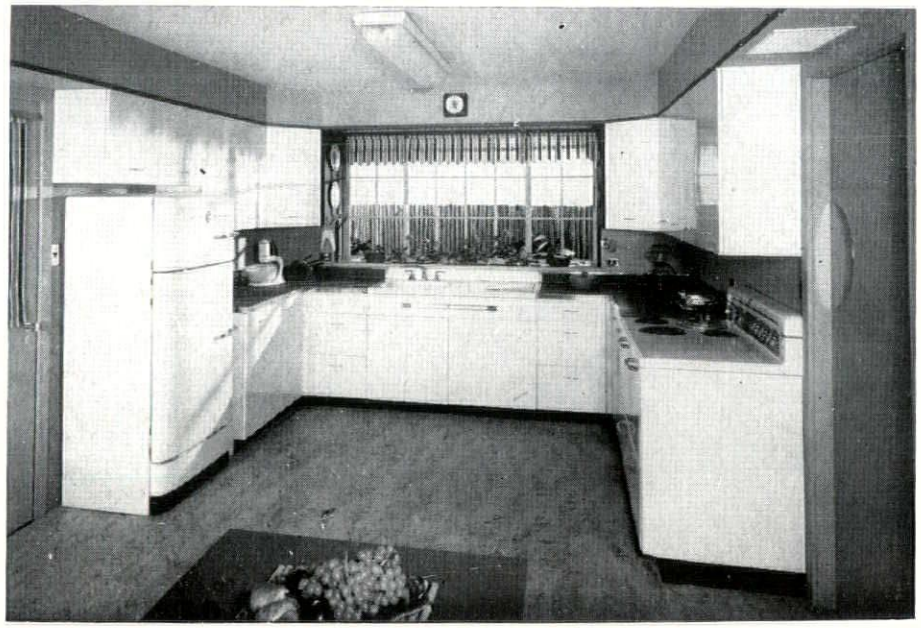
"Standard of Quality for 85 Years"

The Kitchen Most Women Want Most

THE GENERAL ELECTRIC KITCHEN

WE can render you complete planning service on the G-E Electric Kitchen. It's gleaming beauty may include the Electric Sink and Disposall and Dishwasher, Space Saving Refrigerator, Range with Calrod units, Sturdy Steel Cabinets, and even the All-Automatic Washer — ALL GENERAL ELECTRIC.

Call MAdison 9400



General Electric Supply Corporation

680 ANTOINETTE DETROIT 2, MICHIGAN

THE TWENTY-FIRST ANNUAL REPORT—ARCHITECTS-BUILDERS & TRADERS GOLF COMMITTEE, SEASON—1948

William F. Seeley, Chairman

Inasmuch as it has been an established custom for chairmen of the Builders & Traders Exchange committees to render reports of their activities, I inform you as to the golf outings and industry dinners participated in by members during the 1948 Season. This is the 21st time I have had this pleasure.

FIRST OUTING—Tuesday, May 25th

Birmingham Golf Club. Weather partly cloudy and warm. Perfect Day. 75 played golf and 96 had dinner. An excellent steak dinner was served and was followed by a very good meeting. The price was the highest we ever paid—$9.15 for golf, prizes and dinner.

SECOND OUTING—Tuesday, June 22nd.

Maple Lane Golf Club. Weather; partly cloudy and warm, with five-minute shower at 5:30 p.m. 60 played golf and 95 had dinner. A very good filet mignon dinner and a very good meeting was enjoyed by all present.

THIRD OUTING—Tuesday, July 20th.

Western Golf & Country Club. Weather fair and warm. A perfect day. 55 played golf; 84 had dinner. Your chairman cannot vouch for any part of this outing for on this day and many others to follow he was confined to his home taking an enforced rest. However, he can vouch for what followed after this outing. The day following two beautiful bouquets of flowers arrived at his home. One for Mrs. Seeley and the other for the Mister. These flowers were purchased with the money that is usually used for the prize certificates. In other words, the men entitled to receive the certificates waived all rights to them so that Mrs. Seeley and I could enjoy the beautiful flowers.

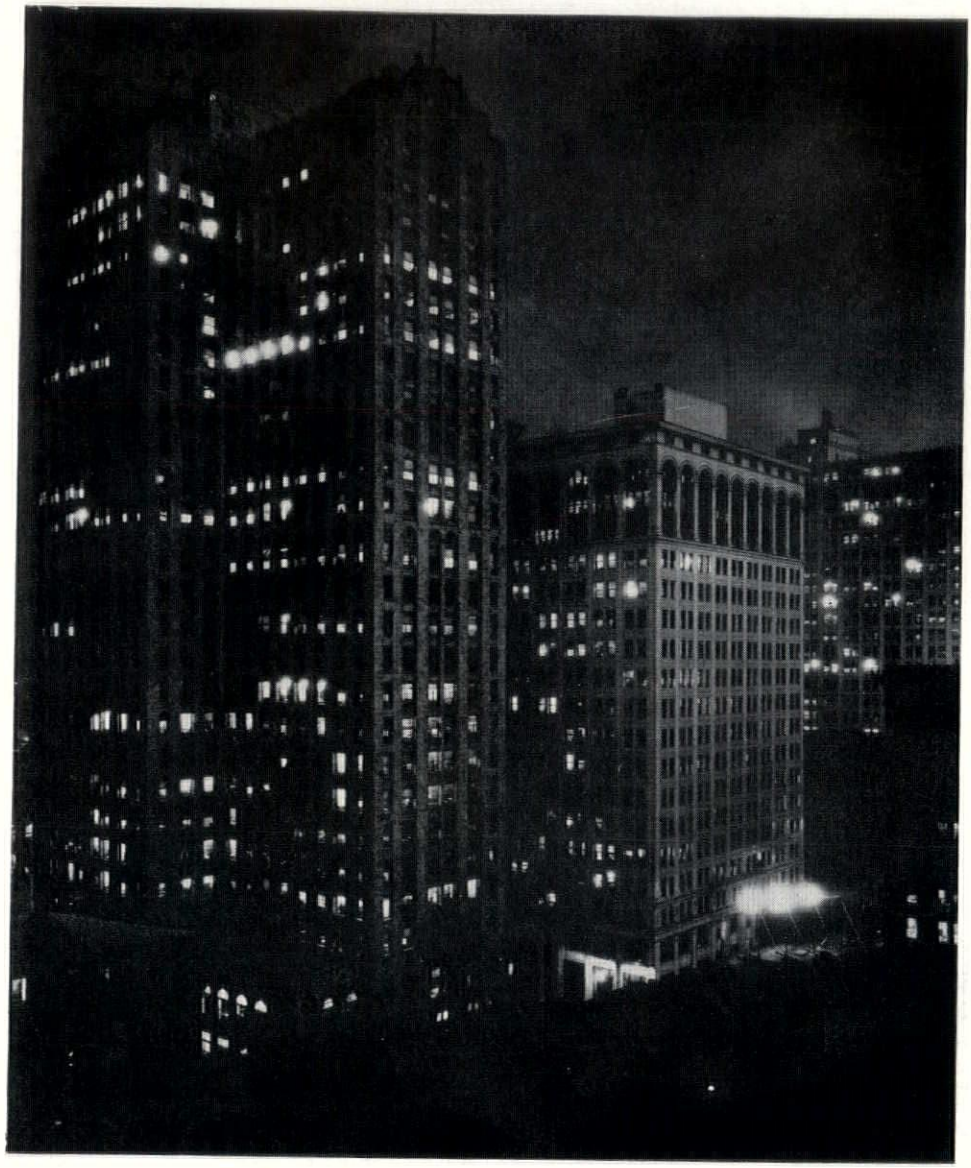
Following the flowers came a deluge of cards and letters, all of which expressed the best wishes and hopes for a speedy recovery. At this time and place I again wish to express my very deep appreciation for all of the kindnesses shown me.

FOURTH OUTING—Tuesday, August 17th

Gowanie Golf & Country Club; Weather partly cloudy and warm. A good day to play. There were showers in Detroit but none at Gowanie. 74 played golf and 129 had dinner. We had a very good meeting after dinner and special prizes were given by the following donors: 1 dozen golf balls — Murray W. Sales & Co.; 1 dozen golf balls—B. C. McKinley Co.; one toilet seat—Harrigan & Reid Co.; 200 lbs. Rock Lath—Jack Merwin Co., five $1 bills—Kullen Fuel & Supply Co.

FIFTH OUTING—Tuesday, September 14th

Western Golf & Country Club. Wea-



Night View of Griswold Street, Detroit

Detroit News Photo

R. L. SPITZLEY HEATING CO.
INCORPORATED

SPITZLEY RETTENMIER SHEET METAL CO.
SUBSIDIARY

HEATING - PLUMBING - INDUSTRIAL PIPING
AIR CONDITIONING - VENTILATING
PIPE AND SHEET METAL FABRICATION

TEL. CADILLAC 0840 1200 FORT ST. WEST
DETROIT 26, MICHIGAN

Acorn Iron Works

Incorporated

Structural and Miscellaneous Iron Work

9260 FREELAND

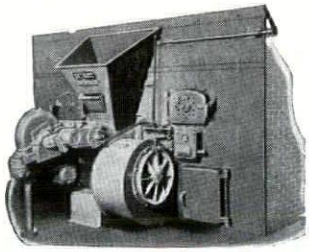
HOGARTH 8672 DETROIT 27

CRESCENT
ELECTRIC COMPANY

DISTRIBUTORS OF ELECTRICAL SUPPLIES

179 Woodbridge St., East
DETROIT 26, MICHIGAN
WOodward 2-0872

Investigate
DETROIT STOKERS



Detroit UniStoker is a highly efficient single retort stoker for varied sizes of heating boilers.

WILL MAKE YOUR CLIENT GLAD HE CHANGED TO COAL. MANY TYPES AND SIZES FOR EVERY HEATING PLANT OR INDUSTRIAL NEED.

WRITE OR PHONE FOR LITERATURE

DETROIT STOKER COMPANY

General Motors Building - Detroit, Michigan

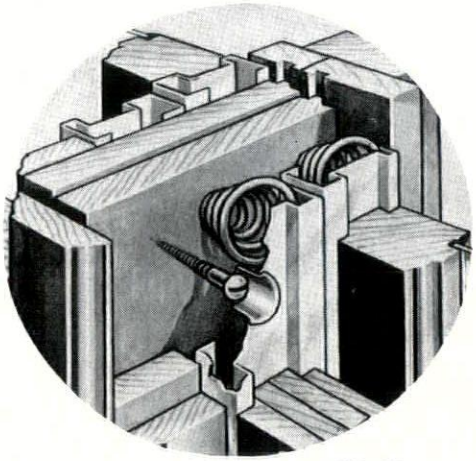
"SIMPLICITY ITSELF" *The Mechanism of the New*

R. O. W.
WOOD WINDOW
Unit Guarantees
PERFECT PERFORMANCE

Completely weather-stripped . . . Cozy.

Removable for better Ventilation.

SPRING CUSHION
R·O·W
Wood
WINDOW UNITS



Narrow mullions . . . More Daylight

Wood against metal . . . Free Acting.

MANUFACTURED & DISTRIBUTED BY

Royal Oak Wholesale Co.
216 East Harrison St.
Royal Oak, Mich.
JOrdan 4-6593

Flint Sash & Door Co.
Flint and Saginaw
Flint—Phone 9-7661
Saginaw—Phone 2-8174

Porter-Hadley Co.
255 Cottage Grove So. E.
Grand Rapids 2, Mich.
Phone 5-2166

DETROIT
ALLIANCE
BRICK CO.

"THE BRICK BEAUTIFUL"

HI-QUALITY OHIO FACE BRICK

WIDE SELECTION OF COLORS AND TEXTURES

RESIDENTIAL - COMMERCIAL

14330 MEYERS RD., DETROIT 27
VE. 8-1120

HARLEY E. SLATER
Sales Manager

JOSEPH HEIDELBERGER
Assistant Sales Manager

★ ★ 4-Star ★ ★
Factory-Designated
Dealers for
CHRYSLER
AIRTEMP
Heating, Air Conditioning
and Refrigeration Equipment

for • Industry
• Commercial Buildings
• Institutions
• The Home

Sold • Installed • Serviced
Repaired

24-HOUR SERVICE
Day and Night

A. V. CAUHORN CO.

10001 BROADSTREET
DETROIT 4, MICH.
Phone
HOgarth 7668 CHerry 0332

ther fair and warm. Perfect day. 80 played golf and 131 had dinner. This was ex-directors' day and the following X's were present: 1921, Frank Chapper; 1926, Chas. Buck; Al Beever; 1928, Wm. W. Busch, Thos. Murray; 1930, A. W. Kutsche, Wm. Restrick; 1932, Ed Horning, William F. Seeley; 1933, Fred Anderson; 1937, Walter Gieseking, George Cruickshank; 1939, Ed. Schuster, Dr. Clarence Candler; 1941, Albert B. Ameel, Mervyn Gaskin, 1942, Benjamin A. Capp, Paul Marshall; 1943, John Freeman, Tom Marshall; 1944, G. K. Chapman; 1945, Fred Rohn, Henry Mason; 1948, Pres. E. G. Bush, R. T. Lyons, Douglas Shaw, Munro Aird, W. Wilbur White. A very excellent meeting was held after dinner at which several special prizes were awarded to those lucky in the draw. The prizes and donors were as follows: Dr. Clarence Candler, Westinghouse Portable Radio; W. Wilbur White, Five Dollars; Mervyn Gaskin of Taylor & Gaskin, Inc., 1 dozen golf balls; Mr. Koss, Yale Rubber Mfg. Co., Fifty Feet of Rubber Garden Hose.

SIXTH GOLF OUTING—Tuesday, October 19th

Gowanie Golf and Country Club. Weather, Showers and cold—not so good. However, 30 played golf and 115 participated in an excellent steak dinner. Special prizes were given out as follows: $5.00 each from Ralph W. Hidey, W. Wilbur White Co., and Dick Kullen. B. C. McKinley, furnished fine entertainment in the form of a beautiful blond singer and a lovely brunette piano player. Mac also gave one bottle of chatter juice as a prize. This final meeting has come to be known as Old Timers Day and the day on which we drink a toast to the memory of our only twice past president, Jess Stoddard (76). We were honored by the presence of Col. George Walbridge and many others who have served the Exchange in one way or another.

CUP WINNER: May, C. D. Wood; June, Walter Pratt; July, O.D. Wood; August, Bill Frazer; September, Ed Green; October, G. K. Chapman.

Vital Statistics: 374 played golf (average 62). 650 had dinner (average 108). Both the golf and dinner averages fell below those of last year. Total cash received was $3,765.00 plus the balance brought forward from last year of $142.45, making a total of $3,907.45. Total amount paid for golf fees, dinners, prize certificates, golf balls, tips to golf club, personnel, flowers and miscellaneous expenses was $3,503.54 leaving a balance of cash on hand of $149.46.

In conclusion, I wish to extend my thanks to your President E. G. Bush, for his faithful attendance, good suggestions and unending support; to E. J. Brunner, your secretary-manager and to John L. McGarrigle for their strong backing and constant help, especially for taking over in July when I was not on the job. To Miss Wilma Page for the great job she does of re-

3639 Woodward Ave.

SYRACUSE CHINA
INTERNATIONAL SILVER
BRYCE BROS. GLASS
COOKING UTENSILS
CUTLERY

A. J. Marshall Co.

Continuously Since 1897

TEmple 1-9450

FOOD SERVICE
KITCHEN EQUIPMENT

For Bars, Clubs, Restaurants and Hotels

—Janitor Supplies—

Free Parking
Entrance from Davenport

Since 1909

JOHN
E.
GREEN
CO.
INCORPORATED

Mechanical Contractors
Plumbing - Heating
Industrial Piping
Fire Protection Systems

220 VICTOR AVE. DETROIT 3

TO. 8-2400

N. H. MALOW CO.

CARPENTRY • WOOD & METAL
CABINET WORK • ALTERATIONS

717 PENOBSCOT BLDG. DETROIT 26
NELS MALOW WO 3-0010 GLEN JAMES

FACTORY REPRESENTATIVE
VIRGINIA METAL PRODUCTS CORP.
METAL OFFICE PARTITIONS
LIBRARY BOOKSTACKS
DOORS JAMBS

Koenig Coal & Supply Co.
CERTIFIED CONCRETE
Concrete — Fuel Oil — Coal
Main Office: 1486 Gratiot Ave. CAdillac 1584

Patronize Bulletin Advertisers

BETTER BRICK BUILDS BETTER BUILDINGS
Perma-Color Face Brick for Beauty and Permanence
VITRIFIED SEWER PIPE GLASS BLOCK
CENTURY BRICK CO.
14900 Linwood Detroit 21, Mich.
UNiversity 1-8200

THE MASTER BUILDERS COMPANY
PRODUCERS OF
• POZZOLITH—for better, more economical concrete
• MASTERPLATE—Industry's toughest floor; plain, 10 colors
• EMBECO—for non-shrink grouting and waterproofing
• "O.M."—(Omicron Mortar-proofing) Prevents leaky brickwork
Information on Request
E. H. FENKER F. W. HENNING
604 MICHIGAN BLDG. DETROIT 26, MICHIGAN
CAdillac 1246

PATRONIZE OUR ADVERTISERS!

HANNA, ZABRISKIE AND DARON
GUNITE *for*
• WALLS, EXTERIOR AND INTERIOR
• STEEL FIREPROOFING AND PROTECTION
• COAL BUNKER AND RESERVOIR LINING
• STACK AND BREECHING LINING
• REFRACTORY AND INSULATING COATINGS
• RESERVOIR AND DAM RESTORATION
• STRENGTHENING AND RESTORING EXISTING CONCRETE STRUCTURES
6425 Tireman Ave. Detroit 4, Michigan TExas 4-0070

JOHN D. BUSCH & SONS, INC.
Manufacturers of
Peerless Skylights and Howie Fire Doors
ROOFING AND SHEET METAL CONTRACTORS
WOODWARD 2-7889 - 7890
Office and Factory
639 EAST FORT STREET
DETROIT 26

TOwnsend 8-6681 TOwnsend 8-6540
MAURICE V. ROGERS CO.
GENERAL CONSTRUCTION
839 Collingwood Ave. Detroit 2, Michigan

Viking Sprinkler Company
Fire Protection Engineers & Contractors
AUTOMATIC SPRINKLER SYSTEMS
Also a Complete Line of Pre-Action Devices
TE. 1-9604 Detroit 1

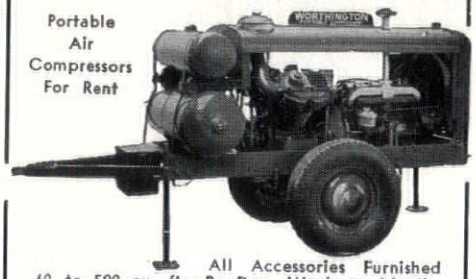
Brick of Distinction
Thomas Brick & Tile Co.
WAYNE MOHR Mgr
14360 Livernois (4) TOwnsend 8 1354

Wolverine Stone Company
NATURAL STONE FOR
ALL BUILDING PURPOSES
14290 Meyers Road Detroit 27, Michigan
Telephone: HOgarth 4295

Duplicate!
• BLUEPRINTS (Nu-Blue)
• PHOTOSTATS (Sharp)
• PHOTOGRAPHIC MURALS
ENLARGEMENTS • TONING
MOUNTING
Snappy Delivery Service!
CALL FOR OUR SALESMAN
THE MULTI-COLOR COMPANY
629 WOODWARD CA 0666
126 DELAWARE MA 0780

"26th ANNIVERSARY"
WOLVERINE
MARBLE COMPANY
MARBLE FINISHERS
AND
CONTRACTORS
DETROIT
TO. 8-7752 TO. 8-7798

Portable
Air
Compressors
For Rent



All Accessories Furnished
60 to 500 cu. ft. - By Day, Week or Month
W. H. ANDERSON CO., INC.
DETROIT, MICHIGAN

lieving you so painlessly of your money and giving you in return a ticket and a pleasant smile, and for the faithful keeping of the records. And to Miss Jane Cooper and Mrs. Cora Martin, who work behind the front page, as it were, making up the notices and certificates and seeing that you get them.

Finally to each one of you who, by your presence at one or more— and some at all—of the outings, make these outings not only possible but very enjoyable.

EDWARD G. ROSELLA, at our last Convention, was in charge of registration. This year he has been promoted to Chairmanship of the 35th Convention. His wife is chairman of the Ladies Committee at this Convention.

PAUL R. MARSHALL— It's Marshall again. When one does a good job, why change? That is why Paul is again responsible for the Building Industry Banquet. He has made of this one of the most delightful and important events.

EARL W. PELLERIN has done a perfectly marvelous job as Chairman of the Architects Show Committee, as you will see on visiting that attraction. There is no doubt that this is the finest architectural show ever held in this state.

The Toledo Plate & Window Glass Co.
Glass Jobbers & Glazing Contractors
Distributors of
TEE PEE Asphalt Shingles
Asbestos Siding
WAREHOUSES
Detroit Grand Rapids Cleveland Toledo

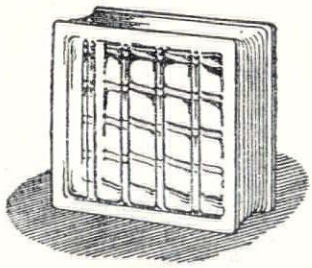
KRIEGHOFF COMPANY
GENERAL BUILDERS
Industrial, Commercial, Institutional
6661 French Road PLaza 3400

Kurtz Brick Company
COLORFUL OHIO SHALE BRICK
For Residential and Commercial Building
14183 Wyoming HO. 2384 Detroit

— LUMBER DEALERS —
BRAUN LUMBER CO. — TO. 8-0320, Davison and G.T.R.R.
F. M. SIBLEY LUMBER COMPANY — 6460 Kercheval Avenue, FItzroy 5100.
RESTRICK LUMBER COMPANY — 14400 Wyoming, HOgarth 4830.
SUTHERLAND & AVERY LUMBER CO. — 5172 St. Jean Avenue, PLaza 9460.

Colorful Brick
For Permanence
Tile For Beauty
and Economy
Belden-Stark
BRICK COMPANY
14305 LIVERNOIS — DETROIT 4
HOgarth 1331 - 1332 - 1333

Patronize Bulletin Advertisers



GLASS BLOCK for YOUR PLANT-Now!
Critical materials are not required to erect glass block panels in that new plant addition—or in replacing wornout sash in existing buildings. Get Insulux Glass Block — without delay.
Cadillac Glass Co.
VA. 2-4940 2570 HART AVENUE
DETROIT

REGISTERED PROFESSIONAL ENGINEER

RAY W. COVEY

Registered Structural Engineer

STRUCTURAL ENGINEERING SERVICE

Capable and Dependable

828 Michigan Building

Cadillac 6143 Detroit 26, Mich.

J. L. O'Loughlin Co.

Plumbing & Heating Contractors

7717 LYNDON AVE., DETROIT 21

UNIVERSITY 1-3600

"Since 1907"

F. A. CHAPPER IRON WKS.

TAppan 7-6611

12801 AUBURN AVE. DETROIT 23, MICH.

Smith Fireproofing Co.

FIREPROOFING CONTRACTORS

GYPSUM, CLAY TILE AND CINDER BLOCK PARTITIONS
STRUCTURAL GLAZED FACING TILE PARTITIONS
PRE-CAST GYPSUM ROOFS AND CEILINGS
BEAM AND COLUMN FIREPROOFING

832 Michigan Building WOodward 1-1788

DETROIT 26, MICHIGAN

ALBERT B. AMEEL C. G. PICHA J. H. DOWNIE

TALBOT & MEIER, INC.

General Builders

1000 Larchwood Avenue
TOwnsend 8-3315
DETROIT 3, MICH.

RAYMOND

Concrete Pile Company

TEST BORINGS
SOIL INVESTIGATIONS
WOOD, STEEL and CONCRETE PILES
CAISSONS
UNDERPINNING

418 New Center Building TRinity 1-3600

CONCRETE STEEL FIREPROOFING CO.

Steel Building Products

1322 Michigan Building Detroit 26, Michigan

CAdillac 6146

FOR

DEPENDABLE CONSTRUCTION

GEORGE W. AUCH COMPANY

DETROIT

GENERAL CONTRACTORS

CHICAGO'S SLUM-CLEARANCE PROGRAM

A Talk by Nathaniel A. Owings, A.I.A., before The Economic Club of Detroit

I think it should be understood that the title of these remarks, "How the City of Chicago is Cooperating with Insurance Companies and Other Financial Institutions in the Redevelopment of Its Blighted Areas", is strictly the responsibility of your good President, Allen B. Crow.

Its qualifications as a jaw-breaker are so prodigious that I trust you will forgive me if I make reference to it henceforth as "How Chicago is Cooperating with Private Capital."

I think, before we go into the question of how Chicago is cooperating with private capital, you would be interested as to why she has been and is so anxious to do so.

Chicago is making an all-out effort to cooperate because an extreme emergency. a desperate need, exists. That need hinges entirely around the question of a housing shortage.

This shortage breaks down into three different categories.

There is a general need for housing, as there is in most every other place in the country at the moment. Ours is, however, far more critical than the average. To give you an example, the Public and Private Works Programs which we have actually scheduled in Chicago, such as super-highways, colleges and hospitals, will displace over 40,000 families. At today's prices, this amounts to something over $350,000,000 which would be needed to replace housing which must be destroyed if these needed projects are constructed. This, of course, is over and above the already existing acute shortage.

The second category of shortage is a special need for the clearance and the rehabilitation of the central core of our city.

This is a need over and above the problem of housing shortage. This need must be answered in order to stem the decentralization which is draining off the residential population.

We must clear and rehabilitate these blighted areas in order to successfully compete with the suburbs and thereby insure the safety of our tax structure and reduce the extra cost to the city of supplying them with public services.

And the third, and equally vital, housing problem for Chicago is the so-called "minority groups." There are some 400,000 Negroes living in the same housing facilities that 200,000 of them used in 1938. Think of it! 400,000 human beings where 200,000 used to crowd in, and the housing ten years older with no improvements.

In order to see these problems in their stark reality, it might be well to refresh your minds with a brief sketch of Chicago.

Whatever may be said about her, good or bad, certainly she is justly famous for her vast blighted and slum areas. Anyone who has come into Chicago by train can back me on this one, and I am sure was shocked by the desolate scenes that met his eye.

But before we feel too sorry for "poor old Chicago", let us take a look at her as an economic entity.

Chicago lies at the vortex of some 1500 square miles of rich territory over which she asserts great influence, in fact, essentially dominates economically.

I believe that about 43% of the products that will be shipped to Europe this year will come from this territory.

Something over 47% of the population of the great State of Illinois lies within her political boundaries which accounts for only about 250 square miles of her total area of influence.

Certainly, Chicago is the undisputed railroad center of the country.

She is a commercial and industrial city.

She is rich, prosperous, vigorous and young.

But, she represents a fantastic combination of stability, dignity and wisdom standing right alongside of obsolescence, blight and decay.

She is bursting with pride in her tradition, and at the same time, beating her chest, and decrying with lurid descriptions the scandalous condition in which she finds herself.

She is tough as nails and she is proud and vain. She is not the kind of city that is apt to ask anybody to do anything for her. In fact, her first reaction to the idea of making any concessions to an outside agency, such as an insurance company, would immediately get her back up.

At the heart of this great industrial empire, at the very core of these 1500 square miles, within a stone's throw of Lake Michigan, lie some 23 square miles of unbelievable decay and crumbling structures, what we politely call "blighted and near-blighted areas."

This area rubs shoulders with our swank apartments and hotels on one side and our great retail and commercial centers on the other.

When I say "blighted," I mean rotting, filthy wrecks of buildings, lying in treeless desolation between endless railroad tracks and high-speed boulevards, backed up by grimy industrial areas.

On the other hand, these blighted areas are within walking distance of one of our great commercial centers—the Chicago Loop. They are adjacent to some of our great park systems. They are close to the Lake. The lands they occupy were, only one generation ago, occupied by the wealthiest people in the city.

In 1939 there was a population within these twenty-three square miles of some 700,000 people. Today, in this same area, in which practically no residential building has occurred in the last ten years, there is now an estimated population of about 900,000.

Here the density per square miles equals or exceeds that of any other section of our city.

Imagine a density of from two to six people per room with two or three families living in a unit or, if it may be dignified by such a term, an "apartment."

And now, this brings us to a fuller realization of our third great category of housing need.

About 75% of the people who live in these areas happen to be colored. There are some 400,000 of them living in an area of approximately ten square miles. They have no place else to go. No one has been providing them with housing except, and here is a big except, through "Public Housing" backed by a segment of the people in our city, who favor, and are constantly applying pressure for "public housing."

The service, the labor of these 400,000 colored people, plus another half-million or so whites in other areas, is vitally needed in our economy. They help us run our steel mills, our stock yards. We need them in our city, and yet the conditions in which they live are intolerable.

And this great blot on our city calls for correction, and this calls for the necessity of cooperation with private capital, if for no other reason than because of the threat of government intervention to meet this crisis with various types of federal, state and public housing laws, and the resulting subsidies, paternalism and bureaucracy, which, on such a large scale, would be intolerable.

The acuteness of our situation in Chicago has been rapidly reaching the point where something was going to be done, if not through private capital, then through public housers' intervention.

There is a place for public housing but that place is narrow and limited. And certainly it would be a tragic chapter of failure for our Democratic system if private capital could not do the job.

And then, of course, we think the timing is right to get going on this major problem of Chicago through cooperation with private capital.

O. W. BURKE COMPANY

General Builders

Fisher Building

Detroit

Because eighteen long years of depression, war and disillusionment are over and people's minds and hearts are turning once again to peacetime problems. We are beginning to be concerned with what goes on in our own back yard.

And so, these are some of the reasons for our cooperation:

1. The vital need for housing, generally.
2. The need to clear and rehabilitate the blighted areas in order to stem decentralization and competition with the suburbs.
3. Because of the special, critical housing problems of our "minority groups."
4. **Summary . . .**
   And, because of the emergency of these three major categories of housing shortage, the resulting threat of Governmental intervention and the possibility of subsequent displacing of private capital through public housing.
5. **Timing . . .**
   Because of the end of the long period of depression and war, and the general feeling that the people are again turning their minds to local problems.

And to be realistic, and even cynical about it, "How we are cooperating" really means, "What do we have to do to get the boys to come in?" What is needed to develop that canopy of protection in order to guarantee the growth of this apparently delicate organism known as "housing"?

Probably the most basic of all the reasons, I honestly believe, and the thing that has been one of the major inhibiting factors in Chicago for years has been our political situation.

We need first—and most—an honest city government.

Pressure, and the near-hysteria in which Chicago has found herself has ended up with an ideal answer to the question of cleaning up the political situation in the person of Martin Kennelly, our new Mayor, whose sole interest is doing a good job for Chicago, to get it running on an efficient, honest basis, and to rebuild Chicago's blighted area. (I being a Republican and the Mayor a Democrat, you can rest assured that this praise is unprejudiced and from the heart.)

It is equally as necessary to have available a short-term, long-term, all-term Basic Master Plan which tackles simultaneously at the roots, the three primary problems, Commerce, Industry, Housing, on a Metropolitan Planning Basis.

Our private investor needs a sort of crystal ball in which he can read the future, can predict with relative safety the rigid framework of fixed conditions within which his projects must lie. This is a responsibility which we of the Chicago Plan Commission have assumed and we are enthusiastically offering our cooperation to all comers.

Our private investor, of course, needs state laws to permit him to invest his funds and own and operate housing projects. These laws are in existence.

State laws and city laws, the necessary public officials and commissions, and funds are necessary to provide the private investor with, first, a single responsible agency with whom to deal in order to select and purchase at an economic use price, large tracts of land now held by thousands of owners, mostly absentee. What we call a single or one-time subsidy.

The above action will displace thousands of people now living in these areas. State and city laws and money, and proper governmental agencies are needed by which land for relocation can be purchased and low cost housing built in order to rehabilitate these dispossessed people.

The Land Clearance Commission and Chicago Housing Authority are agencies for this action.

Adequate provision for an example, or pump-priming, in the form of state funds must be provided for the equity in a "non-profit" corporation in an effort to lead the way with a laboratory test case on veteran housing.

I have outlined what was needed. Now we will get down to the subject, which is, "How Chicago has Provided this Cooperation."

The first effective housing law in the State was the 1934 Public Housing Act which provides subsidies in the nature of the initial money loaned for the building of the housing, and second, tax exemption. Some $63,000,000 has been spent under this Act and the Chicago Public Housing Authority has paid back in lieu of taxes a so-called "service charge" which amounts to about .8 of 1% on the investment. This is about half of what the taxes should be but actually, it is about twice what the land was returning prior to the Public Housing developments.

The most significant, however, and the most revolutionary is the Act of 1947, entitled, "Blighted Areas Redevelopment Act of 1947" with a related law on "Relocation Housing."

Under this Act, the State provided to the City a total of some Twenty Million Dollars, and the Federal Government, Six Million Dollars, the funds to be spent for land clearance and relocation of land, for low rent, relocation housing, and for equity in a non-profit corporation.

An additional Thirty-Five Million Dollars has been provided, through city bond issues, for the purchase of and clearance of blighted areas. Again, note that it is intended that these cleared lands shall be resold, regardless of their cost, at an economic "use value" to private capital for redevelopment. This provides a total of Sixty-Three Million Dollars, $35,000,000 for land clearance, and $25,000,000 for relocation of land and housing.

"One-time subsidy" is provided when the Land Clearance Commission negotiates a deal with private capital, when they re-sell the land at its economic use value, regardless of the purchase price. This provides the private investor with large tracts of land through a single contract with a responsible public agency, the Land Clearance Commission.

No major outlay of cash by the investor is required until the deal is entirely consummated to the satisfaction of both the Government and the private agency.

The private investor is not required, and properly so, to assume responsibility for the displaced people. This is a State and City responsibility under our system of laws.

The most important point of all—

The private investor, once the deal is made and he has paid for his land and received an approval on his general layout and design, is no longer under the supervision or control of the Government. The Government holds no apron strings. The private investor pays taxes like anybody else and charges such rents as he can hope to get.

And so, we find ourselves with the necessary legislation and with some Sixty-Three Million Dollars for pump-priming. This is not much in terms of the total problem but it certainly cannot be termed "chicken feed."

We also find ourselves with an obligation to make this succeed. If it fails we will never get the state, the city, and the people to move as a team and put up the money again. They will be disillusioned.

In using these laws and spending this money, we must do far more than clear some blight, remove a slum or two, and build a few houses.

It is the responsibility of the Land Clearance Commission, in cooperation with the Plan Commission, to select the areas to be cleared. It is vital that their action, or design if you please, introduce into these diseased areas a virus strong enough to grow, spread and drive out finally, through its own virility, blight, slums and housing shortage. However, I have said, this must be done through actual physical planning.

To give you an idea of the problem, the money now available for land clearance, some Thirty-Six Million Dollars, will clear just about one square mile.

Now, there are 51 individual square miles in which residential blight exists to some degree today.

This means that we must stretch our initial funds as far as possible and that the sites selected under this program must be chosen with a view towards developing a pattern which will eventually knit together into one homogeneous and healthy, cultured core of the city.

Bearing all these factors in mind, the question of the size of the project

Beauty with an eye to the practical

We could mean the decorative value of an ever-changing, year-round mural provided by nature . . .

But we're thinking more of the practical value of insulating a Picture Window like this with *Thermopane**.

Heat loss reduced . . . comfort assured . . . the problem of condensation answered . . . without cluttering the view with extra sash. Remember, too, the owner doesn't have the annual job of putting up and taking down storm sash.

A perfect combination . . . the beauty of a Picture Window *plus* the practicality of *Thermopane*.

*®

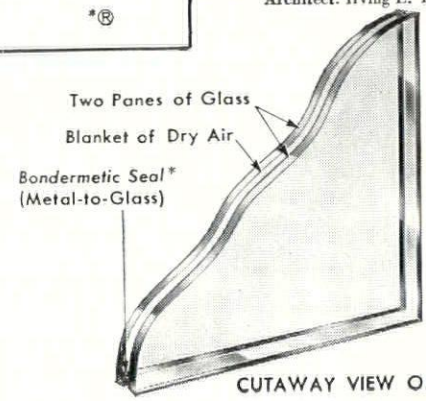
Architect: Irving E. Palmquist, Detroit

L O F *Thermopane*

MADE ONLY BY

LIBBEY·OWENS·FORD GLASS COMPANY

1219 Nicholas Building, Toledo 3, Ohio



CUTAWAY VIEW OF THERMOPANE

Sent on Request . . . your free copy of our *Thermopane* book containing full information.

comes up. The minimum size project which we believe might safely be entered into with any assurance of preserving its stability permanently, involves approximately 35 acres of land and will provide 1200 dwelling units and such community facilities as may be needed.

The effective cost of this minimum project, including land, relocation of families now on the site, and the building of the new 1200 units will be in the neighborhood of Fourteen Million Dollars.

You know that the final test of this program will rest upon the degree of success attained, through careful planning, in insuring that the blight, once driven out of the areas treated, is driven out forever.

We have talked so much about blight, and yet we know so little about its cause.

To know how to drive out blight, one must know what causes blight. It is difficult for me to believe that there could be a radical difference of opinion as to the definition of the causes of blight, but this is true.

One common belief is that the people living in the area cause the blight, that it is caused by race, color or religion. This is a complete misconception of the cause of blight.

Blight is caused by the physical change which turns a pleasant, quiet neighborhood with trees, grass, slow-moving traffic into a dirty, smoky, noisy island hemmed in by speedways jammed with dangerous motor traffic.

The by-products of the railroads and industry, the modern automobile traffic, and the gridiron street pattern. are dirt, smoke and noise and danger to life. These cause the people who originally lived in the center of our city to move out in the country again because they wanted to and because they could afford to do it. So our definition of blight revolves around the physical environment in which the human being is asked to live.

I have already outlined the legal and financial tools with which we are working. In addition to those, we can supply other tools to the private investor:

1. The existing mass of up-to-date research data, both national and metropolitan, on every conceivable aspect of the problem.

2. A deep civic consciousness of need and support by the financial interests of the area and our city.

3. The recognition of the need for relocating the displaced families with public funds.

We know that our great cities today are at best bad places in which to live. Admittedly, concentration of industry for economic reasons requires concentration of people, but we do not think it has to follow that people need live in the lee of belching smoke stacks or chasing rats out of vermin-infested alleys, or in spending two or three hours a day commuting in order to avoid it all.

We know that the rural areas were the original, and are the continuing sources of population supply.

We know that city people are struggling to again regain, or at least simulate, that rural environment.

And so, with the selected blighted area checked for conformance with the master plan, cleared of structures, and the dispossessed people relocated on land heretofore unoccupied by housing, we proceed to attempt to create the essential things inherent in a rural environment that the city lacks.

I want to call your special attention to the problem and the proposed solution of the "dispossessed people." The relocation of these people is of an immediate urgency in the City of Chicago today on account of the enabling legislation that has been activated. At the risk of over-simplification, I would like to suggest that this physical relocation, which involves the purchase of land and the building of new housing, should fit into the pattern of the rehabilitation of the total blighted residential areas and should be done with the least discomfort to those involved.

Bearing this in mind, we are studying blighted industrial and commercial areas adjacent to the blighted residential ones with the thought of using them for the relocation rather than to find unoccupied sites on the perimeter of the city.

Even within the framework of the master plan, the present and possible future perimeter environments of this area that we are going to replace must be carefully studied and assurance given that our investment will not be threatened from these sources.

And then, within the framework of a so-called "Super Block" bounded by thoroughfares, which has been retained from tne existing gridiron plan, we will re-capture for living about 20% to 25% of the gross area contained therein by vacating the land occupied by useless streets.

Within these limits we can now plan freely with no prior commitments, except those useful structures which may still exist on the site, such as a school or a church, if they can be made to fit into the plan.

These blighted areas are near the central business district on costly land and must, if they are to be economically sound, be intensively used.

This requires a high density of population but we must also have open spaces where grass and trees can grow —where children can play freely and safely—where the sun, if any, can get into every room at least once a day.

The question is—"How to have our cake and eat it too?"

The answer to this comes in the type of occupancy, of people who will live there.

We will examine the characteristics of the people who form the natural market for this area.

60% will be single or without children under 17 and will prefer the simplicity of a one-room efficiency apartment which will consist of a large all-purpose room together with a bath and kitchen.

The remainder of the people will have one or two children and will, therefore, require one or two-bedroom apartments. The average room count for the entire project will be 3½ rooms.

The efficiency apartments and the one-bedroom apartments will be combined to form twelve or sixteen-story elevator buildings of the corridor type.

Those families with children will live in three-story walk ups, or in the case of two children, in row houses, thus providing for the families with children easy access to the parks and playground areas.

All of the first or ground floor apartments, even in the elevator buildings, may have separate outside entrances and be, in effect, row houses.

The above has produced living accomodations for twice as many people as were there before. It has increased the land not covered by buildings to 80% of the total in contrast to approximately 40% not covered previously.

In other words, we are accommodating more people, and have gained comparatively great open spaces, have eliminated the noise, dirt and danger and expense of upkeep of a substantial percentage of our streets, and have gained the essential required elements of the rural areas, namely, sun, air, grass and trees.

To go back to our first consideration, we have guaranteed against the recurrence of blight by establishing an environment in which a child or a tree can live.

This, in its final analysis, is the only basis on which a private investor, an insurance company, or any other agency, can hope to safely invest funds, and is, therefore, the most fundamental consideration.

In closing, it may be well to state some things which this Chicago redevelopment program does not represent:

1. It is not a panacea which will rebuild all of Chicago's slums overnight, or perhaps ever. It is, of course, subject to the pressures and limitations of building costs balanced against the rental market. Probably its net over-all effect can be no greater than to make it as desirable from a standpoint of cost—and probably what is more important, from the standpoint of the uncertainties of title, cost and possession—for an investor to build this type of project as against a raw land or peripheral project.

   If you assume that the homes of people will continue to be a good investment, then it should be possible that the homes of some of those people be built in this fashion. This seems particu-

Turner-Brooks, Inc.

FLOOR COVERING AND ACOUSTICAL CONTRACTORS

TOwnsend 8-2470 9910-30 DEXTER BOULEVARD Detroit 6, Mich.

GRAND RAPIDS SASH & DOOR CO.

FOUR WAREHOUSES
TO SERVE YOU THRU THE RETAIL LUMBER DEALERS

GRAND RAPIDS ▣ LANSING ▣ KALAMAZOO ▣ TRAVERSE CITY

WHOLESALE ONLY

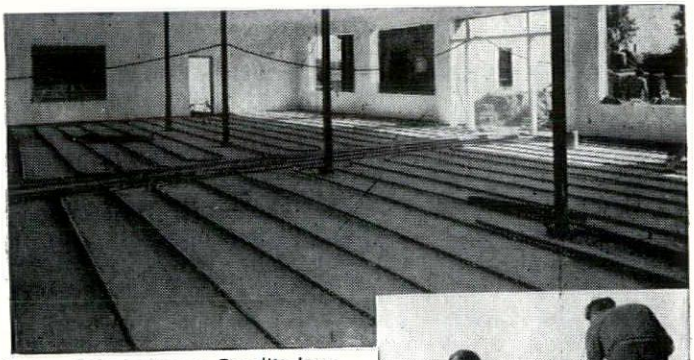
Westinghouse
AIR CONDITIONING
AND
INDUSTRIAL REFRIGERATION

MECHANICAL
HEAT & COLD
INC.

28 YEARS OF CONTINUOUS SERVICE

TOWNSEND 8-9600

12320 Hamilton Ave. Detroit 3



Heating Coils resting on Zonolite Insulating Concrete.

Covering Coils with Ordinary Concrete.

ZONOLITE

Insulating Concrete
FOR RADIANT HEATING
AND BASEMENTLESS HOUSES

When radiant heating is specified, a Zonolite Insulating Concrete base under coils prevents downward heat losses. Topped with ordinary concrete, practically ALL heat travels upward—rooms heat faster. Provides warm, dry floors; in basementless houses; and the low heat capacity of Zonolite Insulating Concrete prevents condensation on floor surface on warm humid days. Write us for full details now!

ZONOLITE BRAND VERMICULITE INSULATION

ZONOLITE CO.

14300 Henn Ave., Dearborn, Mich.
Tiffany 6-1010

SEE YOUR LOCAL LUMBER AND BUILDING MATERIAL DEALER

larly true in view of the sizable and rapidly increasing segment of the population composed of childless couples, divorced and unmarried people, the aged and other non-typical families, who neither need nor want suburban dwelling if they can find pleasant accommodations close to their work, amusements and other activities of city life—and do not have to pay a high price in daily time of travel.

2. This redevelopment phase of Chicago's program is not, in essence, a housing program. It is a redevelopment program. Its ultimate base and motivation is the financial stability of the City and of the values within the City. It can produce a substantial net increase in the number of good privately owned housing accommodations available to the people of the City, and the relocation housing phase may properly be considered a housing measure.
3. The program and its fundamentals are not a copy-righted possession of the City of Chicago. To the extent that they may seem sound and may be adopted or modified by other municipalities—to that extent will this form of investment of private funds become more widely accepted and less novel.
4. It is not a program whose ultimate success is guaranteed. Its success will require vigorous and courageous administration by the City officials, and a recognition that the program cannot be carried out without the price of inconvenience to many.

Chicago invites the careful scrutiny of this program both by other cities if they find in it anything of merit, and of course invites the attention of those investors whose investment program contemplates long-term investment in real estate.

DETROIT—Scene of the Michigan Society of Architects' Thirty-Fifth Annual Convention.

ABOVE is a Detroit News Air View of the Down-Town area, looking North along Woodward Avenue and Griswold Street.

With all its other advantages CONCRETE CONSTRUCTION *COSTS LESS*

This large hospital at Sylacauga, Ala., is built of architectural concrete. Architect was Charles H. McCauley, A. I. A. of Birmingham. General contractor, Algernon Blair of Montgomery.

Architectural concrete walls with reinforced concrete frame and floors for hospitals, apartment houses and other large buildings enable designers to stay within limited budgets and still provide attractive, firesafe, enduring buildings maintained at low cost.

Comparative cost analyses on jobs actually built show that reinforced concrete frame construction, including columns, floors and ceiling treatment, costs from 27 to 40 per cent less per square foot of floor area, than alternate types of construction.

Other comparative cost studies on walls of 16 widely separated projects show savings of from 16 to 27 per cent of the wall cost through the use of architectural concrete. Seventy-six per cent of contractors submitting proposals on these jobs bid less on concrete than for alternate types of construction.

Our free booklets, *"Continuity in Concrete Building Frames,"* or *"Forms for Architectural Concrete,"* will interest architects and engineers planning hospitals, apartment buildings, schools or industrial plants. They are distributed only in the United States and Canada. See Sweets Catalog 4e/6.

PORTLAND CEMENT ASSOCIATION
OLDS TOWER BUILDING, LANSING 8, MICHIGAN

A national organization to improve and extend the uses of concrete . . . through scientific research and engineering field work.

COOPER CONSTRUCTION COMPANY
General Builders

572 MACCABEES BUILDING TEMPLE 1-5375 DETROIT 2, MICHIGAN

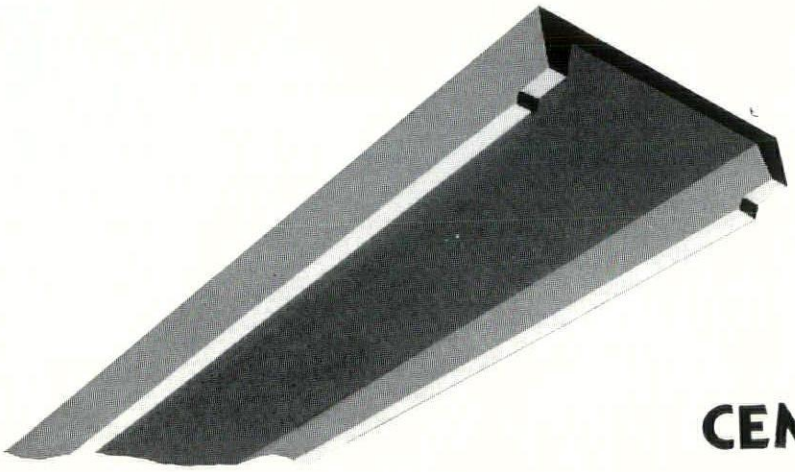
Better Brick Builds Better Buildings

PERMA-COLOR
FACE BRICK
For Beauty and Permanence

VITRIFIED SEWER PIPE GLASS BLOCK

Century Brick Company

14900 LINWOOD AVE. UNIVERSITY 1-8200 DETROIT 21, MICHIGAN



Thanks . . .

to the Michigan Architects and Engineers Who During The Past Year Have Specified

TRUSCON CEMENT ROOF TILE

Your Inquiries For Estimates Are Solicited

CEMENT TILE DIVISION

TRUSCON LABORATORIES

DETROIT 11, MICHIGAN DIVISION OF DEVOE & RAYNOLDS

REGISTRATION ACT
FOR
Architects, Professional Engineers and Land Surveyors

(Act 240, P. A. 1937)

MICHIGAN
STATE BOARD OF REGISTRATION FOR ARCHITECTS, PROFESSIONAL ENGINEERS AND LAND SURVEYORS REGISTRATION ACT

AN ACT to license and regulate the practice of architecture, professional engineering and land surveying; to create a state board of registration for architects, professional engineers and land surveyors, and to prescribe its powers and duties; to impose certain powers and duties upon the state and the political subdivisions thereof in connection with public work; to provide penalties for the violation of the provisions of this act; and to repeal all acts and parts of acts inconsistent with the provisions of this act.

The People of the State of Michigan enact:

Section 1. In order to safeguard life, health and property, any person practicing or offering to practice the profession of architecture, profession of engineering or of land surveying, shall hereafter be required to submit evidence that he is qualified so to practice and shall be registered as hereinafter provided; and it shall be unlawful for any person to practice or to offer to practice the profession of architecture, engineering or of land surveying, in this state, or to use in connection with his name or otherwise assume, use or advertise any title or description tending to convey the impression that he is an architect, a professional engineer, or a land surveyor, unless such person has been duly registered or exempted under the provisions of this act.

Sec. 2. The term "architect" as used in this act shall mean a person who, by reason of his knowledge of mathematics, the physical sciences, and the principles of architectural design, acquired by professional education and practical experience is qualified to engage in architectural practice as hereinafter defined.

The practice of architecture within the meaning and intent of this act includes any professional service such as consultation, investigation, evaluation, planning, design, or responsible supervision of construction, alteration, repair, or operation in connection with any public or private structures, buildings, equipment, works or projects wherein the public welfare or the safeguarding of life, health, or property is concerned or involved, when such professional service requires the application of the principles of architecture or architectural design, and where the consultant charges for knowledge and skill and has no prejudicial interest in the project, either as owner or contractor or producer or seller of material, except as hereinafter defined.

The term "professional engineer" as used in this act shall mean a person who, by reason of his knowledge of mathematics, the physical sciences, and the principles of engineering, acquired by professional education and practical experience, is qualified to engage in engineering practice as hereinafter defined.

The practice of professional engineering within the meaning and intent of this act includes any professional service, such as consultation, investigation, evaluation, planning, design, or responsible supervision of construction or operation, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects, wherein the public welfare, or the safeguarding of life, health or property is concerned or involved, when such professional service requires the application of engineering principles and data, except as hereinafter defined.

The term "land surveyor" as used in this act shall mean a person who engages in the practice of land surveying as hereinafter defined.

The practice of land surveying within the meaning and intent of this act includes surveying of areas for their correct determination and description and for conveyancing, or for the establishment or reestablishment of land boundaries and the plotting of land and subdivisions thereof.

The term "board" as used in this act shall mean the state board of registration for architects, professional engineers, and land surveyors, provided for by this act.

Sec. 3. There is hereby created a state board of registration for architects, professional engineers and land surveyors, which shall be vested with the administration of the provisions of this act. Said board shall consist of three architects and four professional engineers who shall be appointed by the governor for terms of seven years each, except that the members of the board first appointed hereunder shall hold office for terms of one, two, three, four, five, six and seven years, respectively, as may be designated by the governor. One member of the board shall be from the upper peninsula. Members of the board shall qualify by taking and filing the constitutional oath of office with the secretary of state, and shall hold office until the appointment and qualification of their successors. On the expiration of the term of any member, the governor shall appoint a registered architect or registered professional engineer, as the case may be, to take the place of the member whose term on said board is expiring. Each member of the board shall be a citizen of the United States and a resident of this state, and shall be a registered architect or registered professional engineer. Vacancies shall be filled for the balance of any unexpired term, in the same manner as the original appointment. The governor may remove any member of the board for misfeasance, malfeasance or non-feasance in office, after hearing.

Sec. 4. Members of the board shall serve without compensation but shall be entitled to their actual and necessary traveling and other expenses incurred in the performance of their official duties. The board shall have power to appoint such employes and assistants as shall be necessary for the proper exercise of the powers hereby granted. Employes and assistants shall receive their actual and necessary expenses incurred in the discharge of their official duties. Compensation and expenses of all assistants and employes shall be paid from the appropriation made therefor by the legislature. The board is authorized to incur such expense as shall be required to carry out the provisions of this act, to be paid from the appropriation made therefor by the legislature.

Sec. 5. The board shall hold an organization meeting within sixty days after this act shall become effective, and thereafter shall hold at least two regular meetings each calendar year. Special meetings shall be held at such times as the rules and regulations of the board may provide. Notice of all meetings shall be given in such manner as the rules and regulations may provide. The board shall elect or appoint annually a chairman, a vice-chairman, and a secretary who need not be a member of the board. Four members shall constitute a quorum for the transaction of business.

Sec. 6. The board shall have power to promulgate rules and regulations, not inconsistent with the constitution and laws of this state, which may be reasonably necessary for the proper performance of its duties, including methods of procedure in proceedings before the board. The board shall adopt an official seal.

Sec. 7. Any member of the board may issue a subpoena requiring any person to appear before the board and be examined with reference to any matter within the scope of the inquiry or investigation being conducted by the board and to produce any books, papers or documents. Any member of the board, or its authorized agent, may administer an oath to a witness in any matter before the board. In case of disobedience of a subpoena the board may invoke the aid of any circuit court of the state of Michigan in requiring the attendance and testimony of witnesses and the producing of books, papers and documents. Any of the circuit courts of the state within the jurisdiction of which any such inquiry is carried on, may, in case of contumacy or refusal to obey a subpoena, issue an order requiring such person to appear before said board and produce books, papers and documents if so ordered and give evidence touching the matter in question. Any failure to obey such order of the court may be punished by said court as a contempt thereof.

Sec. 8. All fees received under the provisions of this act shall be forwarded monthly to the state treasury and deposited therein in a special segregated fund, to be available for the purpose of this act. The expenses of carrying out the provisions of this act shall not exceed in any fiscal year the amount received from fees under the provisions of this act.

Sec. 9. The secretary of the board shall have charge of the offices of the board and of its records and shall perform the duties usually appertaining to such office; he shall give a surety bond, running to the people of the state of Michigan, in such sum as the board shall determine. The premium on said bond shall be considered a necessary expense of the administration of the provisions of this act.

Sec. 10. The board shall keep a record of its proceedings and a register of all applications for registration, which register shall show (a) the name, age, and residence of each applicant; (b) the date of the application; (c) the place of business of such applicant; (d) his educational and other qualifications; (e) whether or not an examination was required; (f) whether the applicant was rejected; (g) whether a certificate of registration was granted; (h) the date of the action of the board; and (i) such other information as may be deemed necessary by the board.

The records of the board shall be prima facie evidence of the proceedings of the board set forth therein, and a transcript thereof, duly certified by the secretary of the board under seal, shall be admissible in evidence with the same force and effect as if the original were produced.

On or before the fifteenth day of January in each odd numbered year, the board shall make a report to the governor and to the legislature setting forth the workings of said board during the period covered by said report, and containing the findings and recommendations of said board.

Sec. 11. A roster showing the names and business addresses of all registered architects and all registered professional engineers and all registered land surveyors shall be prepared by the secretary of the board during the month of February of each year, commencing in the year following the date on which this law becomes effective. Copies of this roster shall be placed on file with the secretary of state, and furnished to the public upon request.

Sec. 12. An applicant for examination for registration must be a citizen of this state except as provided in section twenty; must be of good moral character and over twenty-one years of age; must, except as provided hereafter in this section, have had not less than eight years of practical experience in architectural or engineering work, or land surveying, under the direction or supervision of a registered architect or a registered engineer or a registered land surveyor, or of an architect or engineer or surveyor of equivalent professional standing, or must be a graduate in architecture or engineering of a college or school acceptable to the board, and have had not less than four years of experience of a nature satisfactory to the board: Provided, That the satisfactory completion of each year of a course in architecture or engineering with or without graduation in a school or college acceptable to the board shall be considered as equivalent to a year of satisfactory experience and that graduation in a four year course other than architectural or engineering in a school or college acceptable to the board shall be considered as equivalent to two years of satisfactory experience: Provided, That credit for an additional year of experience shall be given to applicants with a master's degree in architecture or engineering: And provided further, That no applicant shall receive credit for more than five years of experience because of educational qualifications.

An applicant upon payment of the fees required under this act shall be granted an examination in such appropriate subjects as the board may require.

The board shall at least once annually hold examinations in the separate scholastic items of its requirements and any applicant who has completed four years of study, or equivalent thereof, in a professional school or college acceptable to the board or who has completed four years of practical experience of a nature satisfactory to the board and who has paid his initial fee of fifteen dollars, as provided in section thirteen, shall be permitted to take such examination, and satisfactory records in such examinations shall receive the same credit as if gained at the time of completion of the full requirements for registration.

After this act shall have been in effect five years the board shall issue certificates of registration only to those applicants who meet the foregoing requirements of this section.

At any time within five years after this act becomes effective the board shall accept as conclusive evidence that an applicant is qualified for registration without examination, as an architect or as a professional engineer, a specific record of at least twelve years of active practice as an architect, or as a professional engineer, previous to the effective date of this act.

At any time within five years after this act becomes effective the board shall accept as evidence that the applicant is qualified for registration as a land surveyor a specific record of ten years or more, previous to this act becoming effective, of active practice in land surveying work of a character satisfactory to the board and indicating that the applicant has had responsible charge of important land surveying work for at least five years: Provided, Applicant is not less than thirty years of age at the time of making application.

Any person having the necessary qualifications prescribed in this act to entitle him to registration shall be eligible for such registration though he may not be practicing his profession at the time of making his application.

All registrations as architects, professional engineers or land surveyors under the laws of this state and legally in force at the time this act becomes effective shall continue in force until they legally expire under the provisions of the act which authorized them. All persons previously registered as architects, professional engineers or land surveyors in this state and whose registration is legally in force at the time this act becomes effective may renew their registrations as provided for renewals under this act.

Sec. 13. Applications for registrations shall be on forms prescribed and furnished by the board, shall contain statements made under oath, showing the applicant's education and detailed summary of his technical work, and shall contain not less than five references, of whom three or more shall be architects or professional engineers or land surveyors having personal knowledge of his architectural or engineering or land surveying experience.

The registration fee for architects and professional engineers shall be twenty-five dollars, fif-

Detroit Electrical Contractors Association

INCORPORATED

Chapter of National Electrical Contractors Association

MEMBERSHIP

DON BLACKBURN & CO. TR 1-2285
1007 Holden Avenue, Detroit 2, Michigan

BROOKER ELECTRIC CO. WO. 1-2511
962 East Congress Street, Detroit 7, Michigan

THE JOHN H. BUSBY COMPANY CA 1681
826 Cherry Street, Detroit 1, Michigan

CARR-WELLER ENGINEERING CO. WO 2-7903
611 West Larned Street, Detroit 26, Michigan

COMMERCIAL ENGINEERING CO. TR 1-2150
1432 Holden Avenue, Detroit 8, Michigan

FIFE-PEARCE ELECTRIC CO. CA 1832
1446 Gratiot Avenue, Detroit 7, Michigan

JACK A. FROST TR 3-8030
234 Piquette Avenue, Detroit 2, Michigan

W. D. GALE, INC. TE 4-2300
7145 Tireman Avenue, Detroit 4, Michigan

GENERAL ELECTRICAL ENGINEERING CO., INC. PL 9536
3921 Beaufait Avenue, Detroit 7, Michigan

WALTER G. GRABMAN ELECTRIC LO 7-0193
1406 Field Avenue, Detroit 14, Michigan

GRAY ELECTRIC COMPANY, INC. CA 5225
627 Jones Street, Detroit 26, Michigan

HALL ENGINEERING COMPANY TR 1-8200
888 West Baltimore Ave., Detroit 2, Michigan

HAMILL ELECTRIC COMPANY TR 1-2650
6544 Beaubien Street, Detroit 2, Michigan

HARLAN ELECTRIC COMPANY TR 3-5600
901 W. Milwaukee, Detroit 2, Michigan

HATZEL & BUEHLER, INC. WO 1-0260
620 Murphy Building, Detroit 26, Michigan

HOWARD ELECTRIC CO. WO. 2-0550
1313 E. Congress, Detroit 7, Michigan

HYDON-BRAND CO. WO 2-2971
546 East Larned Street, Detroit 26, Michigan

KUEHNE ELECTRIC CO., INC. CA 1297
131 W. Lafayette, Detroit 26, Michigan

J. LIVINGSTON & CO. CH 6059
138 Duffield Street, Detroit 1, Michigan

LONG ELECTRIC COMPANY, INC. CH 7588
1330 Michigan Theatre Bldg., Detroit 26, Mich.

JOHN MILLER ELECTRIC CO., INC. MA 3252
711 Fisher Building, Detroit 2, Michigan

MILLER-SELDON ELECTRIC CO. TY 4-3800
1930 McGraw, Detroit 8, Michigan

McCLEARY-HARMON ELECTRIC CO. WO. 2-3874
2470 Grand River Avenue, Detroit 1, Michigan

OFENSTEIN ENGINEERING CO. TO 6-3853
2980 Glendale Avenue, Detroit 6, Michigan

F. J. O'TOOLE COMPANY TR 2-6066
850 West Baltimore Ave., Detroit 2, Michigan

REID ELECTRIC COMPANY TO 8-7847
21 Gerald Avenue, Highland Park 3, Michigan

SHAW & KAUTH ELECTRIC CO. UN 1-8710
8915 Puritan, Detroit 21, Michigan

SOUTHEASTERN ELECTRIC COMPANY, INC. WA. 1-3863
7040 Farnsworth, Detroit 11, Michigan

SPAULDING ELECTRIC CO. WO 2-6200
1350 Michigan Avenue, Detroit 26, Michigan

TRIANGLE ELECTRIC CO. TE 2-4110
80 Brady Street, Detroit 1, Michigan

TURNER ENGINEERING CO. TE 1-0470
464 Brainard Street, Detroit 1, Michigan

CARL J. SCHOENINGER, Secretary-Manager

Room 627 Hotel Book-Cadillac **Detroit, Michigan** **WO. 3-5452** **WO. 1-8000**

teen dollars of which shall accompany application, the remaining ten dollars to be paid upon issuance of certificate. When a certificate of qualification issued by the national council of architectural registration boards or the national bureau of engineering registration is accepted as evidence of qualification, the total fee for registration as architect or professional engineer shall be ten dollars.

The registration fee for land surveyors shall be fifteen dollars, which shall accompany application.

Should the board deny the issuance of a certificate of registration to any applicant, the initial fee deposited shall be retained as an application fee.

Sec. 14. When examinations are required, they shall be held at such time and place as the board shall determine. The scope of the examinations and the methods of procedure shall be prescribed by the board with special reference to the applicant's ability to design and supervise architectural and engineering works, which shall insure the safety of life, health, and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration separately in architecture, in professional engineering, and in land surveying. A candidate failing on examination may apply for re-examination at the expiration of six months and shall be re-examined without payment of additional fee. Subsequent re-examination shall be granted upon payment of a fee of five dollars.

Sec. 15. The board shall issue a certificate of registration upon payment of registration fees as provided for in this act, to any applicant who, in the opinion of the board, has satisfactorily met all the requirements of this act. In case of a registered architect, the certificate shall authorize the practice of "architecture," in the case of a registered engineer, the certificate shall authorize the practice of "professional engineering," and in the case of a registered land surveyor, the certificate shall authorize the practice of "land surveying." Certificates of registration shall show the full name of the registrant, shall have a serial number, and shall be signed by the chairman and the secretary of the board under seal of the board.

The issuance of a certificate of registration by this board shall be evidence that the person named therein is entitled to all the rights and privileges of a registered architect, a registered professional engineer, or of a registered land surveyor, while the said certificate remains unrevoked or unexpired.

Each registrant hereunder, who is required to file plans, specifications, and reports with public authorities, shall upon registration obtain a seal of the design authorized by the board, bearing the registrant's name and the legend, "registered architect," "registered professional engineer," or "registered land surveyor." Plans, specifications, plats, and reports issued by a registrant shall be stamped with the said seal when filed with public authorities, during the life of the registrant's certificate, but it shall be unlawful for any one to stamp or seal any documents with said seal after the certificate of the registrant named thereon has expired or has been revoked, unless said certificate shall have been renewed or re-issued.

Sec. 16. Certificates of registration shall expire three years after date of issuance. It shall be the duty of the secretary of the board to notify every person registered under this act, of the date of the expiration of his certificate and the amount of the fee that shall be required for its renewal for three years. Such notice shall be mailed to the latest address on file with the secretary of the board at least one month in advance of the date of the expiration of said certificate. Renewal may be effected at any time within one month after the date of expiration of said certificate by the payment of a fee of ten dollars accompanying an application by the registrant upon a form to be provided by the board: Provided, That the information contained therein and as may be otherwise obtained shall satisfy the board that the registrant is competent and qualified under this act to continue the practice of his profession. The failure on the part of the registrant to renew his certificate within one month after the date required by the rules of the board, as provided above, shall not deprive such person of the rights of renewal, but the fee to be paid for the renewal of a certificate at any time after one month subsequent to the date of expiration of said certificate shall be increased ten per cent for each month or fraction of a month that payment of renewal is delayed. Provided, however, That the maximum fee for delayed renewal shall not exceed twice the normal renewal fee.

Sec. 17. An architectural or an engineering or a land surveying firm, or a co-partnership, or a corporation, or a joint stock association may engage in the practice of architecture, professional engineering, or land surveying in this state: Provided, That all partners, officers, and directors of such organizations shall be registered architects, registered professional engineers, or registered land surveyors.

Sec. 18. Upon this law becoming effective, it shall be unlawful for this state, or for any of its political subdivisions, or any county, city, town, township, village or school district to engage in the construction of any public work involving architecture or professional engineering, unless the plans and specifications and estimates have been prepared by, and the construction executed under the direct supervision of, a registered architect or a registered professional engineer, and unless any survey of the land on which any such public work has been or is to be constructed shall be made under the supervision of a registered land surveyor: Provided, That nothing in this section shall be held to apply to any public work wherein the contemplated expenditure for the completed project does not exceed two thousand dollars.

Sec. 19. The following persons shall be exempt from the provisions of this act, to wit:

(a) A person not a resident of and having no established place of business in this state, practicing or offering to practice herein the profession of architecture, engineering, or land surveying, when such practice does not exceed in the aggregate more than sixty days in any calendar year: Provided, Such person is legally qualified by registration to practice the said profession in his own state or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this act: And provided further, That the state or country of which he is a resident grants equivalent reciprocal privileges to registered architects, registered professional engineers, and registered land surveyors of this state.

(b) A person not a resident of and having no established place of business in this state, or who has recently become a resident of this state, practicing or offering to practice herein for more than sixty days in any calendar year the profession of architecture, engineering, or land surveying, if he shall have filed with the board an application for a certificate of registration and shall have paid the fee required by this act. Such exemption shall continue only for such time as the board requires for the consideration of the application for registration: Provided, That such a person is legally qualified to practice said profession in his own state or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this act: Provided further, That the state or country of which he is a resident grants equivalent reciprocal privileges to registered architects, registered professional engineers, and registered land surveyors of this state.

(c) Officers and employes of the United States of America or any agency or instrumentality thereof while engaged within this state in the practice of the profession of architecture, engineering, or land surveying for the United States of America, or any agency or instrumentality thereof.

(d) Architects, engineers, or surveyors employed by a railroad or other interstate corporation whose employment and practice is confined to the property of such corporation.

Nothing in this act shall require an employe or subordinate of a person holding a certificate of registration under this act or an employe of a person exempted from registration by classes (a) and (b) of this section to be registered as required by this act: Provided, His work does not include responsible charge of design or supervision.

Nothing in this act shall prevent any owner from doing any of the architectural, engineering, or surveying work mentioned herein upon or in connection with the construction of buildings on his own property for his own use, nor be construed as preventing a person not registered under this act from planning, designing or supervising the construction of residence buildings costing less than fifteen thousand dollars.

Sec. 20. The board may, upon application therefor, and the payment of a fee of ten dollars, issue a certificate of registration as an architect, a professional engineer or land surveyor to any person who holds a certificate of qualification or registration issued to him by proper authority of the national council of state boards of engineering examiners, or of the national council of architectural registration, or of the national bureau of engineering registration, or of any state or territory or possession of the United States, or any country: Provided, That the requirements for the registration of architects, professional engineers or land surveyors under which said certificate of qualification or registration was issued do not conflict with the provisions of this act and are of a standard not lower than that specified in section twelve of this act: Provided further, That equal reciprocal privileges are granted to registrants of this state.

Sec. 21. The board shall have the power to revoke the certificate of registration of any registrant who is found guilty of:

(a) The practice of any fraud or deceit in obtaining a certificate of registration;

(b) Any gross negligence, incompetency, or misconduct in the practice of architecture, professional engineering or land surveying as a registered architect, a registered professional engineer, or registered land surveyor.

Any person may prefer charges of fraud, deceit, gross negligence, incompetency, or misconduct against any registrant. Such charges shall be in writing, and shall be sworn to by the person making them and shall be filed with the secretary of the board.

All charges, unless dismissed by the board as unfounded or trivial, shall be heard by the board within three months after the date on which they shall have been preferred.

The time and place for said hearing shall be fixed by the board, and a copy of the charges, together with a notice of the time and place of hearing, shall be personally served on or mailed by registered mail with return receipt requested to the last known address of such registrant, at least thirty days before the date fixed for the hearing. At any hearing, the accused registrant shall have the right to appear personally and by counsel, to cross-examine witnesses appearing against him, and to produce evidence and witnesses in his own defense.

If, after such hearing, four or more members of the board vote in favor of finding a violation of the provisions of this act, the board shall revoke the certificate of registration of such registered architect, registered professional engineer, or registered land surveyor.

The board, for reasons it may deem sufficient, may re-issue a certificate of registration to any person whose certificate has been revoked: Provided, Five or more members of the board vote in favor of such re-issuance.

A new certificate of registration, to replace any certificate revoked, lost, destroyed, or mutilated, may be issued, subject to the rules of the board, and a charge of five dollars shall be made for such issuance.

Sec. 22. Any person who, after this act becomes effective, shall practice, or offer to practice, the profession of architecture, the profession of engineering or land surveying in this state without being registered or exempted in accordance with the provisions of this act, or any person presenting or attempting to use as his own the certificate of registration or the seal of another, or any person who shall give any false or forged evidence of any kind to the board or to any member thereof in obtaining a certificate of registration, or any person who shall falsely impersonate any other registrant of like or different name, or any person who shall attempt to use an expired or revoked certificate of registration, or any person who shall violate any of the provisions of this act, shall be guilty of a misdemeanor, and shall, upon conviction, be sentenced to pay a fine of not less than one hundred dollars, nor more than five hundred dollars, or imprisonment for a period not exceeding ninety days, or both.

It shall be the duty of all law enforcing officers of this state to enforce the provisions of this act. It shall be the duty of the several prosecuting attorneys and the attorney general of the state to prosecute any person violating any of the provisions of this act.

After this act becomes effective it shall be unlawful for any public official of this state or any political subdivision thereof to accept as a public record or for filing as public record a plan, specification, report or land survey which does not bear the seal of a registered architect, registered professional engineer or registered land surveyor as required by this act, except for public works costing less than two thousand dollars or residential buildings costing less than fifteen thousand dollars.

Sec. 23. This act shall not be construed to affect or prevent the practice of any other legally recognized profession.

Sec. 24. Should any provision or section of this act be held to be invalid for any reason, such holding shall not be construed as affecting the validity of any remaining portion of such section or of this act, it being the legislative intent that this act shall stand, notwithstanding the invalidity of any such provision or section.

Sec. 25. The board of state auditors shall furnish suitable quarters for operations of this board.

Sec. 26. This act shall become effective as of January one, nineteen hundred thirty-eight.

Sec. 27. Act number three hundred thirty-four of the public acts of nineteen hundred nineteen, being sections eight thousand six hundred sixty-eight to eight thousand six hundred ninety, inclusive, of the compiled laws of nineteen hundred twenty-nine, and all other acts or parts of acts inconsistent with the provisions of this act are hereby repealed.

This act is ordered to take immediate effect.

O. W. BURKE CO.
GENERAL CONTRACTOR
FISHER BUILDING
MAdison 0810 Detroit, Mich

MAURICE V. ROGERS COMPANY

General Contractors

COMMERCIAL BUILDING
CUSTOM RESIDENTIAL

839 Collingwood Ave. TO. 8-6681
Detroit 2, Michigan

LUMBER

SPECIAL MILLWORK

BUILDING MATERIAL

STILES, Incorporated

1555 Eastern Ave. S.E. Grand Rapids, Mich.

RUSSELL PLASTERING COMPANY

3584 FARNSWORTH ST.

DETROIT 11, MICHIGAN

WAlnut 1-0679 WAlnut 1-6946

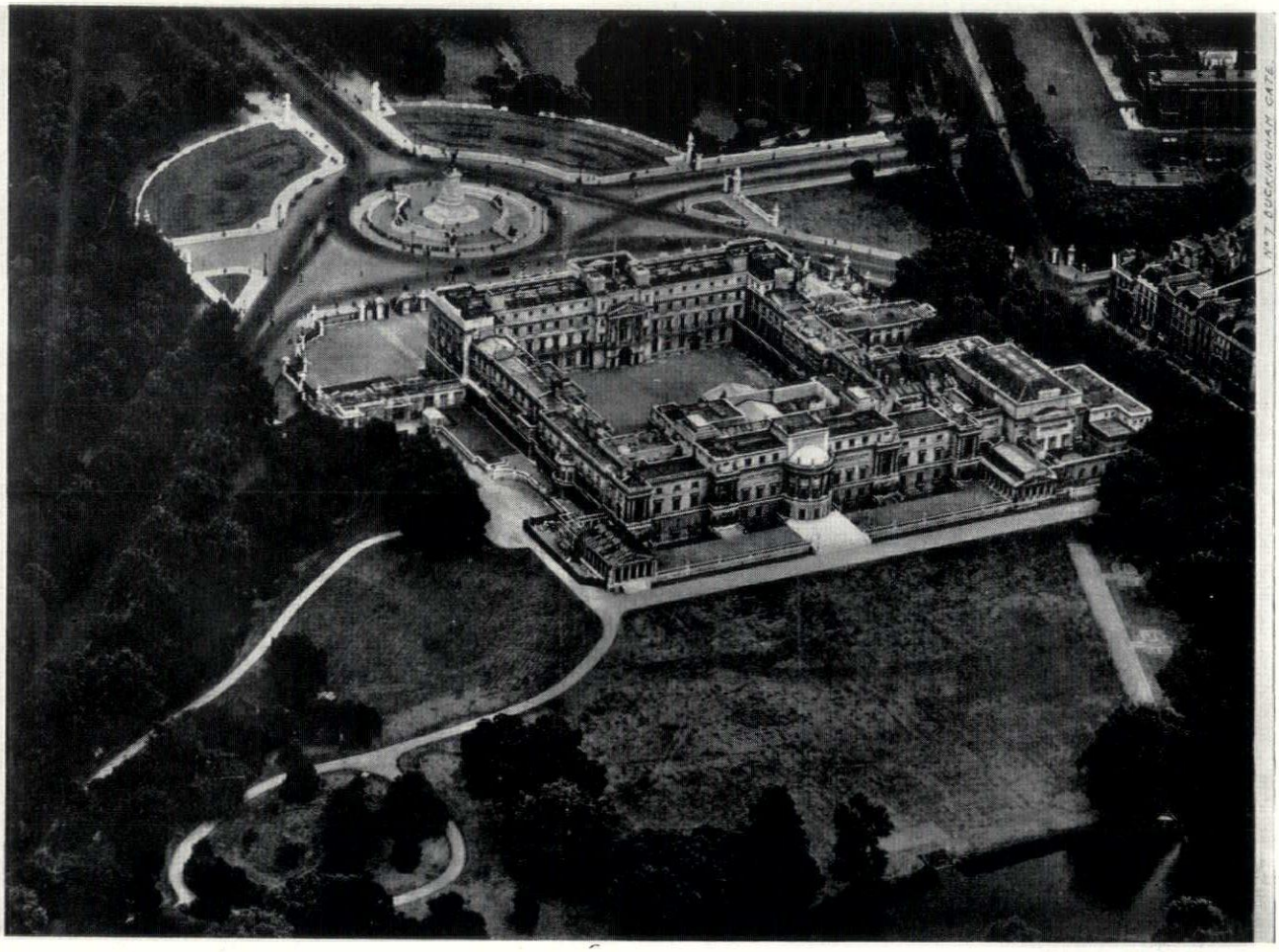
Use PETOSKEY CEMENTS
for APPEARANCE-
STRENGTH-
PERMANENCE.

Petoskey Standard Portland Cement
Petoskey Air-Entraining Portland Cement
Petoskey High Early Strength Portland Cement
Petoskey Waterproofed Portland Cement
Petoskey Mortar Cement

PETOSKEY PORTLAND CEMENT COMPANY

PETOSKEY DETROIT
MILWAUKEE CHICAGO

BUCKINGHAM PALACE FROM THE AIR: AN UNUSUAL VIEW OF THEIR MAJESTIES' LONDON HOME, TO BE FLOODLIT ON THE ROYAL WEDDING NIGHT.

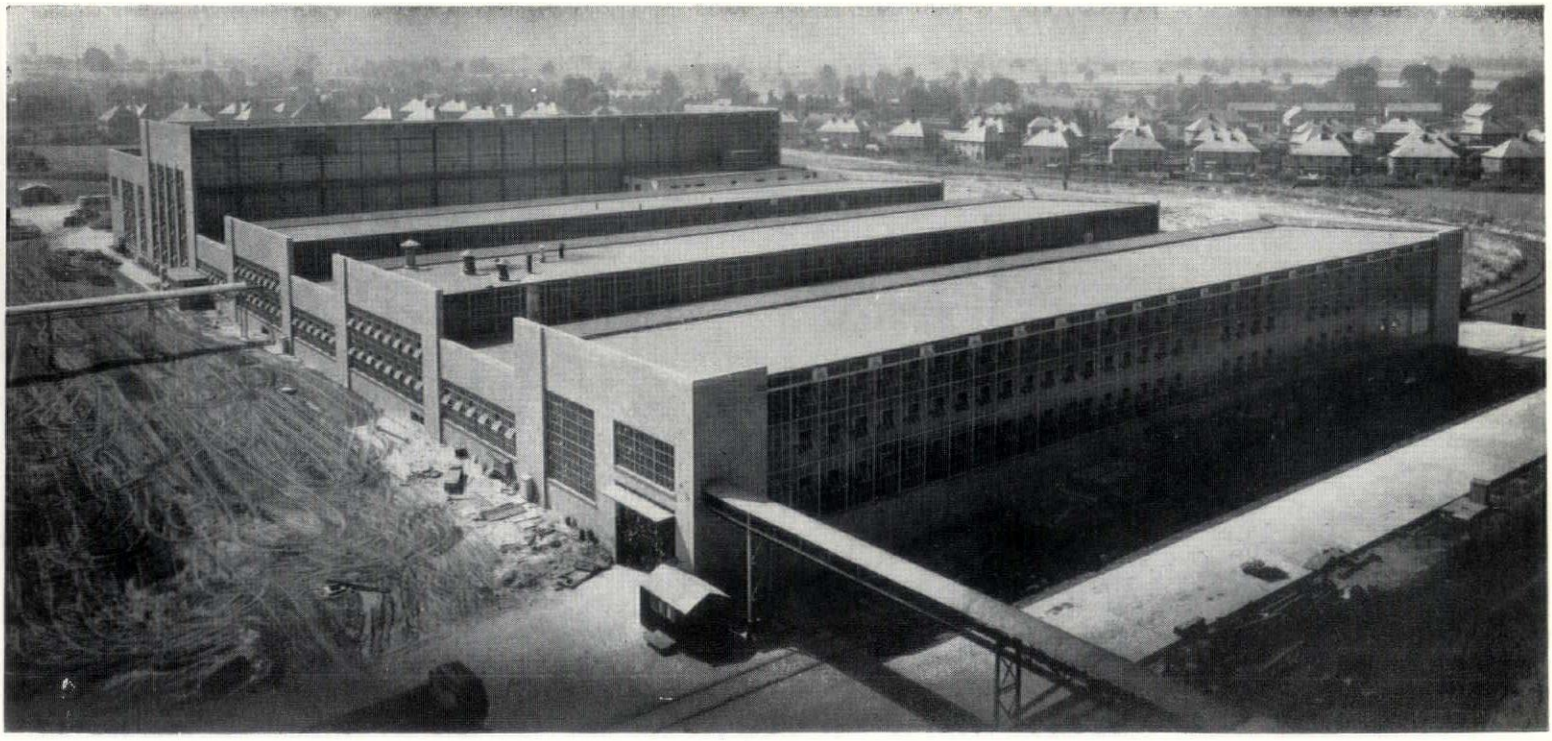


C. HOWARD CRANE, A.I.A., of Detroit and London, is said to have the best-located architect's office in the world.

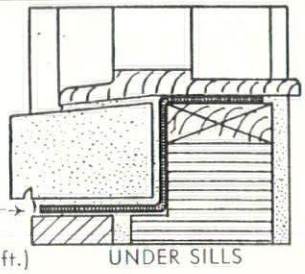
Above is shown an airview of Buckingham Palace in London, and at the right may be seen 7 Buckingham Gate, the building purchased by Mr. Crane and converted to his office.

BELOW is shown one of Mr. Crane's industrial buildings in England.

See also page 47 for view from the Crane offices.



The BEST Membrane Waterproofing IS RUBBERSEAL COPPER



(2, 3, 5, 7 oz. copper per sq. ft.) UNDER SILLS

Made by MITCHELL-RAND MFG. CORP., N.Y.C.

Represented in Michigan by

HUNTER & COMPANY

MADISON 3395

2842 W. GRAND BLVD. DETROIT 2, MICH.

C.L. HOLMES CO.

All Kinds of Insulation Sold and Installed
Specializing in Quonset Huts & Steel Buildings

APPROVED CONTRACTOR FOR HEERWAGEN ACOUSTIC DIAPHRAGM TILE

12891 Artesian **Detroit 23, Michigan**

VE. 8-1008

MISCELLANEOUS AND ORNAMENTAL IRON

Aluminum and Bronze Steel Stairs

ALUMINUM & ARCHITECTURAL METALS COMPANY

1974 FRANKLIN STREET

Lorain 7-6880 Detroit 7

Heineman & Lovett Co.

WATERPROOFING ENGINEERS AND CONTRACTORS

IRONBOND METHOD **HI-TEX CEMENT COATINGS**

TYler 6-1226

5327 Tireman Ave. **Detroit 4, Mich.**

A

REAL PARTNER

The first requirement that a prospective partner should be able to meet is that he be honest.

Not honest in some vague, indefinite way; but interested, loyal and faithful. Not one who, when trouble comes, will hide his assets and attempt to evade his partnership obligations; but one who will loyally assume his share of the burden.

The Fidelity and Deposit Company is in every sense of the word a *real* partner to the contractors whose bonds it signs.

FIDELITY, SURETY AND BANKERS BLANKET BONDS
BURGLARY, ROBBERY, FORGERY, GLASS INSURANCE

FIDELITY and DEPOSIT

COMPANY OF MARYLAND

BALTIMORE

DETROIT BRANCH: 2324-32 Dime Building, Detroit 6

Telephone CAdillac 4323

Shown above is the entrance to Ambassadors' Court, which is directly opposite to the architectural offices of C. Howard Crane, Architect, in London, England. Mr. Crane is a member of the Detroit Chapter, A.I.A.

MACDONALD & KAAKE, INC.
GENERAL CONTRACTORS

H. MacDONALD MARQUETTE, MICH. E. M. KAAKE

. . . announcement . . .

LATHROP-HOGE CONSTRUCTION CO. ANNOUNCES
THAT ON JANUARY 1, 1949, THE NAME OF THE COMPANY
WAS CHANGED TO

HOGE-WARREN-ZIMMERMANN CO.

E. C. Hoge - J. H. Hoge
1426 Clay Street
Cincinnati, Ohio

A. W. Warren
111 West Washington
Chicago, Illinois

John S. M. Zimmermann
439 Penobscot Building
Detroit, Michigan

HAVEN-BUSCH CO.

501 FRONT AVE. NW
GRAND RAPIDS 4, MICH.
Our Engineering Dept. Is At Your Disposal

MANUFACTURE
SPECIALTIES:
MISC. & ORN. IRON WORK
STRUCTURAL STEEL
WIRE WORK
CHAIN LINK FENCE
FIREDOORS
ROLLING STEEL DOORS
ELEVATOR DOORS
PH. 94173

THE CHARLES HOLMES HDWE. CO.

13141 Woodward Ave.
Detroit 3, Mich.
Phone Townsend 8-2287

FINISH HARDWARE
OF
RUSSWIN MFG.

Frank Leslie — H. G. Holmes

John A. Mercier Brick Co.

Manufacturer & Distributor

COMMON & VENEER BRICK

SLAG CONCRETE BLOCKS
Lighter in Weight — Lighter in Color
8x8x16 Unit—36½ Pounds

FACE BRICK

3895 ROULO ST.
DEARBORN, MICH.
VINEWOOD
1-0761

LERNER-LINDEN CONSTRUCTION CO.

General Contractors

9940 ROSELAWN AVENUE
DETROIT 4
WEbster 3-5178

MORHEAT
Steel Water Tube
BOILERS

A.S.M.E. CODE NATIONAL BOARD APPROVED
For Low Pressure Economical Steam Heating and Processing
For Hot Water Heating
For High Pressure Steam In Industry
High in Efficiency—these compact units save valuable space

MORHEAT SALES CO.
LANSING 12, MICH.
DETROIT OFFICE
701 Penobscot Detroit 26, Mich. Tel. WO. 3-0717

VInewood 1-6230

Page Plumbing & Heating Co.

Plumbing and Heating Contractors

Office and Shop
100 West Pleasant
River Rouge 18, Mich.

Viking Sprinkler Co.

Manufacturers and Contractors

APPROVED "VIKING" DEVICES FOR THE AUTOMATIC CONTROL OF FIRE

FLUSH TYPE SPRINKLERS—Something new, now available for modern offices, display rooms, and locations where appearance counts.

4612 Woodward Ave.
DETROIT 1
315 Allen Street N.W.
GRAND RAPIDS 4

WALTER TROWELL
ALBERT TROWELL

TROWELL
CONSTRUCTION COMPANY
GENERAL CONTRACTORS

1334 TEMPLE
TE. 1-7373

ROSTER

MICHIGAN SOCIETY OF ARCHITECTS

Membership in the Michigan Society of Architects is composed of corporate members of The American Institute of Architects, through the three Michigan chapters (Detroit 406, Grand Rapids 75, Saginaw Valley 19, Non-Resident 16; total 516.

ABRAHAM, SAMUEL F. 165 California, Detroit 3
ABRAHAMSE, PIETER 21345 Bennett, Detroit 19
ABRAMS, HENRY J. 16128 Fairfield, Detroit 21
ACKLEY, CLARK R. 1811 E. Michigan, Lansing 12
AGREE, ALLAN G. 19364 Lauder, Detroit 19
AGREE, CHARLES N. 1140 Book Bldg., Detroit 26
AITKEN, ROBERT J. 1993 W. Liberty, Ann Arbor
AKITT, WILLIAM R. D.A.C., 241 Madison, Detroit 26
ALBANO, JOSEPH F. 1030 E. Huron, Ann Arbor
ALBERT, AUGUSTUS J. 1029 Drake Rd., Kalamazoo
ALLEN, ROGER 1126 G. R. Nat'l. Bank Bldg., Grand Rapids 2
ALLEN, SAMUEL C. 1312 S. Washington, Saginaw
ALTMIKS, HENRY F. 345 New Center Bldg., Detroit 2
ANDERSON, D. C. 4909 Palmer, Dearborn
ANDERSON, LESTER F. 9 Leighton Pl., Silver Springs, Md.
ANDERSON, WERNER B. 11700 Coyle, Detroit 27
ANICKA, WALTER T. 617 S. Forest, Ann Arbor
ARNTZEN, GOTHARD 820 S. 16th, Escanaba
ASKEW, LYALL H. 20431 Danbury, Detroit 3
ATTWOOD, CHARLES W. 4334 Monroe, Wayne
AUBREY, BANQUIER M. 29805 Woodland Dr., R. F. D. #5, Birmingham

BACHMAN, GEORGE G. 213 Dryden Bldg., Flint 3
BAGLEY, ALFRED J. 116 Tennyson, Highland Park 3
BAILEY, EDWARD D. 9975 Pinehurst, Detroit 4
BAILEY, ROGER Dept. of Architecture, University of Utah, Salt Lake City, Utah
BAINES, HARRY S. Rte. #1, Birmingham
BAKER, JOHN P. 115-A State Office Bldg., Lansing
BARCUS, FRANK c/o City Plan Commission 1214 Griswold, Detroit 26
BARNES, C. F. J. 3774 Gladstone, Detroit 6
BASSO, VICTOR J. 18326 Woodward Ave., Detroit 3
BATES, CHARLES E. 20220 Maxine, St. Clair Shores
BAUER, LEO M. 534 Free Press Bldg., Detroit 26
BAUER, RALPH L. Suite # 1, 134 E. Front, Traverse City
BEACH, GLENN M. 1737 W. Michigan, Saginaw
BEAM, HAROLD A. 14200 Woodmont Rd., Detroit 27
BECKBISSINGER, FREDERICK 304 Carroll, Saginaw
BECKETT, HAROLD C. 52 Chatham, W., Windsor Ont., Canada
BELCO, MOSSIE 10901 Ozga Rd., Romulus
BELL, D. CARLTON 9785 E. Outer Dr., Detroit 5
BENJAMIN, A. T. 1935 Sherman, S. E., Grand Rapids 6
BENJAMIN, GLENN H. 2730 Fairfield, Kalamazoo 32
BENJAMIN, IRA H. 980 Chester, Birmingham
BENNETT, L. R. 15624 Michigan, Dearborn
BENNETT, M. FRED 22606 Tireman, Detroit 23
BENNETT, WELLS I. 500 Highland Rd., Ann Arbor
BERGEY, ARTHUR I. 832 Pearson, Ferndale 20
BERGEY, FRANK A. 5550 Bedford, Detroit 24
BERNARDI, WALTER A. 932 Burlingame, Detroit 2
BERY, GEORGE J. 24050 Roanoke Rd., Ferndale 20
BINDA, GUIDO A. 412 Post Bldg., Battle Creek
BINGMAN, ROBERT E. 18600 Wisconsin, Detroit 21
BISSELL, EDWARD E. 1184 Edgewood, Birmingham
BLACK, KENNETH C. 706 Capitol Savings & Loan Bldg., Lansing 68
BLACK, LEE 706 Capitol Savings & Loan Bldg. Lansing 68
BLAIR, JOHN O. 17006 Maumee, Grosse Pointe 30
BLAKESLEE, L. ROBERT 181218 Stoepel, Detroit 21
BLOOD, MARION F. 367 Monroe, Muskegon
BLUME, LOUIS J. 345 New Center Bldg., Detroit 2

BOARDMAN, CHARLES E. 2025 Lennon, Grosse Pointe 30
BOWLING, JESSE L. % Chas. T. Bowling, 4428 Travis St., Dallas, Texas
BRAGG, STANLEY 391 W. Maplehurst, Ferndale 20
BRANDT, CHRISTIAN W. 1418 Woodward, Royal Oak
BRANDT, PERC Dempsey Bldg., Manitowoc, Wis.
BREZNER, PHILIP 1314 Michigan Bldg., Detroit 26
BRIGHAM, GEORGE B. 517 Oxford Rd., Ann Arbor
BROECKER, ERWIN L. 1438 Majestic Bldg., Detroit 26
BROWN, H. SANBORN 83 Meadow Lane, Grosse Pointe Farms 30
BROWN, PAUL B. 1622 N. Pleasant, Royal Oak
BRYANT, DANIEL C. 1419 Church, Evanston, Ill.
BRYSSELBOUT, PAUL A. 1003½ N. Washington, Bay City
BUDKE, ERNEST 923 Penn Ave., Pittsburgh 22, Pa.
BULTHUIS, ALFRED K. Box 671, Kalamazoo
BURGESS, JOHN H. 205-6 Eagan-Cleary Bldg., Battle Creek
BURNS, J. K. Room 908, 72 Wall St., New York 5, N. Y.
BURROWES, MARCUS R. 415 Brainard, Detroit 1

CALDER, RALPH R. 1212 Kales Bldg., Detroit 26
CALDER, ROBERT F. 18100 Greenlawn, Detroit 21
CALDWELL, LAWRENCE E. 13606 Stoepel, Detroit 4
CAMPAU, A. B. 734 Michigan Trust Bldg., Grand Rapids 2
CAMPBELL, CARLTON P. 2903 Biddle, Wyandotte
CARSON, FRANK S. 309 Virginia, Ann Arbor
CHANEL, ADELBERT B. 9 Merwood Dr., Battle Creek
CHESNOW, LOUIS 25 Sproat, Detroit 1
CHITTENDEN, ALPHENS 1st & Broadmoor Sts., Colorado Springs, Colo.
CHRISTENSON, TRACE, JR. 915 Cherry, Niles
CHUTE, PERCY H. 207 McCamly Bldg., Battle Creek
CLAPP, JOHN E. 4966 Ivanhoe, Detroit 4
CLARK, ERROLL R. 5511 Argyle, Dearborn
CLELAND, EUGENE T. Waterford
COLE, LYLE S. 7376 Grand River, Detroit 4
COLVIN, F. HUSTON 2010 Longshore Dr., Ann Arbor
CONFER, EARL L. 14000 Strathmoor, Detroit 27
COOK, HARRISON L. 119 N. Main, Sheridan, Wyo.
CORNWELL, FREDERICK G. 328 W. 11th St., Traverse City
COUGHLAN, NORMAN H. 3400 Bewick, Detroit 14
COUSINS, J. LESTER 409 Griswold, Detroit 26
COWIN, JULIAN R. 153 E. Elizabeth, Detroit 1
COX, CYRIL F. 11-135 General Motors Bldg., Detroit 2
COX, FRANK E. 1944 Monterey, Detroit 6
CRANE, C. HOWARD 7 Buckingham Gate, London, S.W.1., England
CREASER, WILLIAM H. 1601 Washington Blvd., Bldg. Detroit 26
CRONIN, JOHN T. 345 New Center Bldg., Detroit 2
CROWE, CHARLES A. 734 Michigan Trust Bldg., Grand Rapids 2
CURRY, HARVEY C. 1008 Third, Jackson

DANIELS, WERNER A. 501 Lakeside Drive, S.E., Grand Rapids
DAVIS, STANLEY J. 2150 Elmdale, Dearborn
DAY, CLARENCE E. 153 E. Elizabeth, Detroit 1
DEAN, FRANK E. Haven Hills, Albion
DENYES, HARRY M. % Swanson Associates, Bloomfield Hills
DERRICK, ROBERT O. 515 Hammond Bldg., Detroit 26
DES ROSIERS, ARTHUR 15850 James Couzens Hy., Detroit 21
DEVOS, PETER 722 W. Cedar, Kalamazoo 45

BRYANT & DETWILER CO.

GENERAL CONTRACTORS

Members

THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA

Skill, Integrity and Responsibility

2304 Penobscot Building

Detroit 26, Michigan

DEVRIES, BERNARD J. 613 Hackley Union Nat'l Bank Bldg., Muskegon
DIEHL, GEORGE F. 120 Madison, Detroit 26
DIEHL, GERALD G. 120 Madison, Detroit 26
DISE, J. IVAN 2631 Woodward, Detroit 1
DITCHY, CLAIR W. 5 W. Larned, Detroit 26
DITTMER, RALPH T. 732 Rankin St., W., Flint 4
DOLE, WALTER M. 1676 W. Saratoga, Ferndale 20
DONALDSON, ALEX G. 1601 Washington Blvd. Bldg. Detroit 26
DONKERVOET, CORNELIUS 14364 Faust Ave., Detroit 23
DOW, ALDEN B. 315 Post St., Midland
DRAINIE, JOHN G. 345 New Center Bldg., Detroit 2
DRITTLER, FRANK J. 1633 N. Greenbrier, Arlington, Va.
DUFFIELD, EDWARD R. RFD #4, Dowagiac
DUNBAR, REED M. Reisig Bldg., Monroe
DWORSKI, JOSEPH F. 4661 Chatsworth, Detroit 24

EASH, ORUS O. 134 E. Front St., Traverse City
EASTMAN, RAYE C. 233 Crest, Ann Arbor
EDWARDS, LOUIS A. 4047 Ida, Detroit 9
EHLERT, HAROLD H. Box 474, Franklin
EMMERLING, ALFRED C. 17580 Hartwell, Detroit 21
FAIRBROTHER, FREDERIC A., 345 New Center Bldg. Detroit 2
FAULHABER, FRANCIS A. 128 E. Maumee, Adrian
FERNALD, WM. M. 1000 Marquette Bldg., Detroit 26
FERNBACH, RICHARD B. % City Plan Commission, City Hall, Highland Park
FIELD, HARFORD 10 E. Hinsdale Ave., Hinsdale, Ill.
FINN, ROBERT 502 Francis Palms Bldg., Detroit 1
FINSTER, CHESTER G. 974 Bradley, Flint
FISHER, HAROLD H. 1605 Industrial Bank Bldg. Detroit 26
FLANAGAN, PAUL E. 420 E. Fulton, Grand Rapids 6
FLEISCHAKER, STANLEY 2771 W. Eight Mile Rd. Detroit 3
FORTNEY, RALPH B. 18982 Coyle, Detroit 19
FOWLER, HOMER A. Room 600, 1217 Griswold, Detroit 26
FRANTZ, ROBERT B. 118 N. Washington Saginaw
FREIER, HENRY M. 300 Murphy Bldg., Detroit 26
FRENCH, JOSEPH N. 14280 Robson, Detroit 27
FROST, WALLACE 203 Wabeek Bldg., Birmingham
FRY, LYNN W. 1206 Orkney Dr., Ann Arbor
FUGER, FREDERICK W. 160 McMillan Grosse Pointe 30
FUNKE, PHILIP J. 3831 W. Eight Mile Rd. Detroit 21
FURLONG, HAROLD B. 16605 Linwood Detroit 21
FUSCO, JOSEPH A. P. O. Box 1126 Miami Beach 39, Fla.

GABLER, CORNELIUS L. T. 924 Hammond Bldg. Detroit 26
GAMBER, BRANSON V. 515 Hammond Bldg. Detroit 26
GARSTECKI, WALTER F. 671 W. Kirby, Detroit 2
GAY, JOHN BUCHANAN 2115 - 9th St., S., St. Petersburg 7, Fla.
GEHRKE, HANS 751 Griswold, Detroit 26
GERGANOFF, RALPH S. 206 N. Washington, Ypsilanti
GIBERSON, EDGAR D. 1446A - 43rd St., Los Alamos, N. M.
GIES, ROLAND C. 2194 Cadillac Blvd., Detroit 14
GILDERSLEEVE, FORREST A. 1927 S. West Ave. Jackson
GIRARD, ALEXANDER H. 379 Fisher Rd. Grosse Pointe 30
GJELSTEEN, HARRY W. 230 Sheridan Rd. Menominee
GODDEYNE, JOSEPH C. 417 Bay City Bank Bldg. Bay City
GOLDSMITH, DONALD H. 100 Oakman Blvd., Highland Park 3
GOMON, WM. R. 10008 Beaverland, Detroit 23
GOTHOLD, DAVID J. 1000 Van Dyke, Detroit 14
GOULD, NATHANIEL O. State Savings Bank Bldg. Clinton
GRAF, HERMAN R. 1025 S. Milwaukee Jackson
GREENBERG, ERNEST 15498 Livernois, Detroit 21
GRIFFIN, FRANCIS E. 126 John R., Detroit 26
GRIFFITH, ORRIN K. 15 Ferrin Place, Mt. Clemens
GUENTHER, WERNER 628 W. Brentwood, Detroit 3
GUSTAFSON, ROBERT G. 15½ E. Front, Monroe
GUY, EDGAR 282 Newport, Detroit 15

HABERMAS, CARL R. 415 Brainard, Detroit 1
HALPIN, DEWEY 14827 Forrer, Detroit 27
HAMMETT, RALPH W. 1425 Pontiac Rd. Ann Arbor
HAMMOND, MAURICE E. 1217 Griswold, Detroit 26
HANNAN, CHARLES D. 36668 Howard Rd. Farmington
HANNIKEN G. J. 6505 Second Blvd., Detroit 2
HANSEN, CHARLES H. Box 401, Whitehall
HARLEY, ALVIN E. 153 E. Elizabeth, Detroit 1
HARLEY, FREDERICK M. 153 E. Elizabeth, Detroit 1
HARRIS, CLARK E. 913 Moores River Dr. Lansing 10
HARTMAN, HORACE W. 81 Louise, Highland Park 3
HARTWICK, BRUCE M. 2519 N. Grand River, Lansing
HASTINGS, ROBERT F. 4267 W. Buena Vista Detroit 4
HAUGHEY, HARVEY J. 112 Madison, Detroit 26
HAUGHEY, PHILLIP C. 510 Post Bldg., Battle Creek
HAVEMAN, JAMES K. 900 Adams, S. E. Grand Rapids 7
HAWES, GEORGE S. 807 Smith Bldg., Flint 3
HEBRARD, JEAN 9 Quai de Bourbon, Paris 4, France
HEENAN, LEO J. 15 Carlton St., Pontiac
HELLMUTH, GEORGE F. 800 Marquette Bldg. Detroit 26
HERMAN, ALOYS FRANK 304 Transportation Bldg. Detroit 26
HERRICK, FRED J. 810 Maple, Albion
HERRICK, RALPH B. 510 Rulison, Lansing 10
HERTEL, BENJAMIN W. 1535 Alexander Rd. Grand Rapids
HEWITT, EDWARD N. 550 W. Lincoln, Birmingham
HEWLETT, THOMAS H. 2300 Dime Bldg., Detroit 26
HILBERG, JOHN T. 7584 Forestlawn, Detroit 5
HILLIER, J. DALE c/o H. F. Stanton 1243 Free Press Bldg., Detroit 26
HINE, TREDICK K. 13220 Woodward, Detroit 3
HOFFMASTER, HARVEY R. Box 408, Royal Oak
HOGAN, MERLE WM. 18901 Grand River, Detroit 23
HOLMES, WARREN S. 2300 Olds Tower, Lansing 8
HOOKER, ARTHUR M. 753 Ada Ave., Muskegon
HORNBROOK, THOMAS W. 90 Amherst Rd. Pleasant Ridge
HORNER, CHARLES 88 Louise, Highland Park 3
HOSMAN, LEO J. 800 Marquette Bldg., Detroit 26
HOUGEN, DONN Wisconsin Rapids, Wisc.
HOWE, HUBERT 2451 Monterey Ave., Detroit 6
HUBERT, DERRICK, JR. 4733 White Oak, Encino, California
HUESMANN, LOUIS B. 8903 Quincy, Detroit 4
HUGHES, JAMES BENNETT 187 S. Woodward Birmingham
HUGHES, TALMAGE C. 120 Madison, Detroit 26
HUNTER, DON W. % Standard Accident Ins. Co., Detroit 1
HYDE, ARTHUR K. 1000 Marquette Bldg., Detroit 26

ILGENFRITZ, HAROLD D. 719 Hammond Bldg., Detroit 26
INGALL, MORTON H. 1000 Van Dyke, Detroit 14
JACQUES, GILBERT J. P. 17673 Manderson Rd. Detroit 3

WALBRIDGE, ALDINGER COMPANY

General Contractors

409 Griswold Street

Detroit 26, Michigan

G. B. WALBRIDGE
Ch. of Bd.

R. E. PICKETT
President

A. H. ALDINGER, Jr.
Vice-Pres.

G. K. CHAPMAN
Sec'y-Treas.

C. B. ALDINGER
Ass't Sec'y-Treas.

THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA
AGC
REG. U.S. PAT. OFF.

Skill, Integrity and Responsibility

JAHR, THURSTON R. 21904 Michigan Ave., Dearborn
JENSEN, CARL R. 17166 Wildemere, Detroit 21
JEPSON, RAYMOND G. 20202 Picadilly, Detroit 21
JERNEGAN, PAUL F. 223 Lincolnway, E. Mishawaka, Ind.
KALLMES, JOHN J. 2410 Book Bldg., Detroit 26
KAMPER, LOUIS 2150 Iroquois, Detroit 14
KANN, NORMAN K. 17156 Wildemere, Detroit 2
KAPP, WILLIAM E. 1842 Buhl Bldg., Detroit 26
KASURIN, JOHN 2540 Park, Detroit 1
KASURIN, PAUL 303 State Savings Bank Bldg., Ann Arbor
KAVIEFF, OTTO H. 305 Transportation Bldg. Detroit 26
KELLOGG, DIXON B. 112 Madison, Detroit 26
KEOUGH, HENRY J. 4060 Taylor, Detroit 4
KERN, NATHANIEL C. 195 Cranbrook Cross Rd. Birmingham
KETCHUM, MORRIS, JR. 227 E. 44th St., New York 17, N. Y.
KETELHUT, PAUL J. 1000 Packard, Ann Arbor
KEYES, HUGH T. 309 Wabeek Bldg., Birmingham
KIEFER, HAROLD M. 14430 Archdale, Detroit 27
KIEHLER, ELMER G. % C. Howard Crane & Associates, 112 Madison Ave., Detroit 26
KIMBALL, DONALD A. 2345 Delaware, Saginaw
KIMBALL, EDGAR R. 112 Portland, Belleville, Ill.
KING, CHRISTOPHER J. Rte. # 2., Vermontville
KING, SOL 2659 Fleet, Detroit 6
KINGSCOTT, LOUIS C. P. O. Box 671, Kalamazoo 99
KINGSLEY, GEORGE S. Douglas
KISSINGER, STEWART S. 22040 Watsonia, Dearborn
KLEI, LOUIS W. 3231 W. Davison, Detroit 6
KLEIN, HERMAN J. 929 E. Wellington, Flint 3
KNAPP, ELIUD JOHN 23440 Republic Ave., Ferndale 20
KNECHT, FREDERICK Rockford
KNOX, ROBERT V. 615 Broad, St. Joseph
KNOX, WILLIAM D. 193 Riviera, Pontiac 18
KNUTH, RALPH W. 227 Capitol Theatre Bldg., Flint 3
KOHNER, ALEX 19111 Asbury Pk., Detroit 19
KRAMER, WM. E. 230 Wayne Oakland Bank Bldg., Royal Oak
KRECKE, NORMAN 527 Lakewood, Detroit 15
KRESSBACH, CARL C. F. 408 Wildwood, Jackson
KROSKE, PAUL C. 140 Seward, Detroit 2
KUNI, WILLIAM H. 19642 Shrewsbury Rd., Detroit 21

LACY, JOSEPH N. P. O. Box 270, Bloomfield Hills
LAITALA, WALTER M. 620½ W. Saginaw, Lansing
LANGHENRICH, FRED W. 4541 W. Washington Blvd. Chicago 24, Ill.
LANGIUS, ADRIAN N. 932 Westlawn, East Lansing
LARKIN, LESLIE G. 5538 Ivanhoe, Detroit 4
LEFEBVRE, GREGORY G. 2479 W. Auer Ave. Milwaukee 6, Wis.
LEINWEBER, JOSEPH W. 800 Marquette Bldg. Detroit 26
LENTZ, WALTER E. 1222 Michigan Bldg., Detroit 26
LEONE, AMEDEO 800 Marquette Bldg., Detroit 26
LEVEY, NORMAN J. 2306 Guardian Bldg., Detroit 26
LEWIS, ISADORE M. 1006 David Broderick Tower Detroit 26
LORCH, EMIL 1023 Forest, Ann Arbor
LOREE, DOUGLAS D. 120 N. 4th, Ann Arbor
LORENZ, WILLARD B. 15386 Turner, Detroit 21
LOWERY, LESLIE M. 923 University Pl. Grosse Pointe 30
LOWNEY, ROBERT J. 9615 Northlawn, Detroit 4
LUCKENBACH, OWEN A. 2300 Dime Bldg. Detroit 26
LUNDBLAD, CLAUS D. 4070 W. Fort, Detroit 9
LUNDY, WILLMER H. 12265 Wilshire Dr., Detroit 5
McCARTY, WM. H. 331 Carlton, S.E., Grand Rapids
McCONKEY, GEORGE M 2541 Washtenaw, Ann Arbor
McDONALD, ALBERT C. 409 Griswold, Detroit 26
McGREW, CHARLES B. 16215 Warwick Rd., Det. 19
McKINNON, PATRICK 2631 Whitewood, Pittsfield Village, Ann Arbor

MacGREGOR, ALEXANDER 23919 Michigan Ave. Dearborn
MacKENZIE, JOHN 227 Capitol Theatre Bldg., Flint 3
MADISON, FREDERICK D. 230 Wayne Oakland Bank Bldg., Royal Oak
MAGNUSON, E. HARRY 201 Montgomery Bldg., Muskegon
MAJOR, MILTON C. 910 Clinton, Kalamazoo
MANSON, ELMER J. 410 W. Saginaw, Lansing
MARR, CARL B. 415 Brainard, Detroit 1
MARSHALL, WALTER V. R.F.D. No. 1, 221 Barton Shores, Ann Arbor
MARTZ, LAWRENCE S. R.F.D. No. 3, Box 255 Pontiac 3
MARVIN, ALDEN S. 339 Penobscot Bldg., Detroit 26
MASSON, GEORGE Y. 52 Chatham, W., Windsor, Ont., Can.
MATHEWS, RAYMOND 3408 Belmont Blvd., Nashville, Tenn.
MAUL, WALTER 1222 Michigan Bldg., Detroit 26
MAY, ROBERT O. 526 Algonquin, Detroit 14
MEAD, HARRY L. 341 Michigan Trust Bldg. Grand Rapids 2
MERRITT, GERALD M. 7376 Grand River, Detroit 4
MESSING, ARTHUR H. 1712 E. Outer Dr., Detroit 12
MESTER, FRANK J. 524 Turner, N.W., Grand Rapids
MEYER, EARL G. 324 Touraine Rd., Grosse Pointe 30
MICHEL, KENNETH A. 341 Touraine Rd. Grosse Pointe 30
MILES, FRANK A. 24 Beverly Rd., Grosse Pointe 30
MILLAR, HUGH T. 14827 E. Jefferson, Detroit 15
MILLER, NOBLE W. 136½ S. Main, Kendallville, Ind.
MILLOTT, HENRY C. 814 W. Washington Sandusky, Ohio
MILLS, BYRON E. 4282 Seebaldt, Detroit 4
MITSCHKE, ALFRED 153 E. Elizabeth, Detroit 1
MITTON, EUGENE W. 14103 Forrer, Detroit 27
MONTANA, FRANK 112 Madison, Detroit 26
MORISON, ANDREW R. 713 Fox Bldg., Detroit 1
MORISON, JAMES B. 16146 Bentler Ave., Detroit 19
MORRIS, HARRY A. JR. 7732 E. Jefferson Ave., Detroit 14
MORTON, HAROLD 9437 Northlawn, Detroit 4
MOSS, THOMAS 203 Conner Bldg., Plymouth
MOXNESS, T. J. State of California, Dept. of Public Wks., Div. of Architecture, Sacramento 14, Calif.
MUNSON, ORLIE J. 409 Burch Bldg., Lansing 68
MURPHY, CHARLES F. Railway Exchange Bldg., Chicago 4, Ill.
MURPHY, JOHN L. 99 King St., Detroit 2
MUSCH, MAX A. 4533 Fisher Dr., Round Lake, Brighton
MUTH, GUSTAV 345 New Center Bldg., Detroit 2

NAESS, SIGURD E. Railway Exchange Bldg., Chicago 4, Ill.
NARGIS, JAMES J. 745 Horne, Fresno, Calif.
NELSEN, LAVERN J. 619 N. Madison, Bay City
NEWLANDER, M. M. 1201 Cherry, Kalamazoo 39
NEWMAN, HARRY M. 2058 Gladstone, Detroit 6
NOBLE, CHARLES Municipal Court Bldg., Ann Arbor
NORTON, CHARLES M. 545 Lafayette, S. E. Grand Rapids 3
NOTH, EDWIN F. 1304 Maccabees Bldg., Detroit 2
NURMI, S. ALEXANDER 712 W. Court, Flint 3

O'BRYON, CHARLES 63 Jefferson Ave., S. E., Grand Rapids 3
O'DELL, FREDERICK C. 1103 Berkshire Rd. Ann Arbor
O'DELL, H. AUGUSTUS 2300 Dime Bldg., Detroit 26
ODELL, WILLIAM H. 515 Hammond Bldg., Detroit 26
OLSON, RAYMOND I. 408 Wildwood, Jackson
OSBORN, JAMES 1040 Lake Dr., Grand Rapids
OSGOOD, S. EUGENE 206 Youell, S.E., Grand Rapids 6
OWENS, SHIRLEY L. 22441 Law, Dearborn

PAGE, GEORGE R. Okemos
PALMER, C. WM. 2663 Penobscot Bldg., Detroit 26

THE
DONALD MILLER
COMPANY

PLUMBING — HEATING
AIR CONDITIONING
INDUSTRIAL PIPING
FIRE PROTECTION SYSTEMS
POWER PIPING
WELDING

1718-1720 BRUSH ST. WOODWARD 2-2800
DETROIT 26, MICHIGAN

The
SHERWIN-WILLIAMS COMPANY

FIVE DETROIT BRANCHES
2036 Woodward Avenue
16353 E. Warren Avenue
14131 Gratiot Avenue
14495 Grand River Avenue
14233 Michigan Avenue, Dearborn

You Are Sure of Quality and the Satisfaction of Your Clients When You Specify

SHERWIN-WILLIAMS PAINTS

CAMPBELL CONSTRUCTION COMPANY

Commercial and Industrial
Building Engineers

3255 GOLDNER DETROIT 10, MICHIGAN

PALMQUIST, IRVING E. 11711 E. Eight Mile Rd., East Detroit
PARDEE, MRS. ALICE S. 382 Mt. Clemens St., Pontiac 16
PARDEE, ST. CLAIR 111 National Bank Bldg. St. Johns
PARKE, ELMER E. 16155 Monica, Detroit 21
PARMELEE, GALE F. 202 S. 4th St., Montebello, Calif.
PELLERIN, EARL W. 16855 La Salle Blvd., Detroit 21
PEREIRA, P. R. 1173 Foster Rd., Rte. No. 1, Midland
PERKINS, RAYMOND C. 2322 W. Grand Blvd. Detroit 8
PERRY, LEO IRWIN 120 Glynn Ct., Detroit 2
PETERSEN, GEORGE L. 276 Fisher Rd., Grosse Pointe 30
PETTIBONE, MILTON W. 689 Rivard Blvd. Grosse Pointe 30
PHELPS, CHARLES L. 1119 Earl, Ferndale 20
PICKELL, F. GORDON 5545 Second Blvd., Detroit 2
PILAFIAN, SUREN 112 Madison, Detroit 26
PINE, HAROLD E. 412 Calvin Theatre Bldg., Dearborn
PLANK, KENNETH R. 410 Harrison, Grand Ledge
PLATNER, JOSEPH W. 2219 Yorkshire Rd., Birmingham
POLLMAR, F. CARL 2539 Woodward, Detroit 1
POTTLE, JOHN L. 370 Country Club Lane, Grosse Pointe 30
POTZ, FREDERICK H. 5926 Bishop Rd., Detroit 24
PRATT, HERMAN J. 1728 Kingston, Kalamazoo
PRESTON, HOWARD L. 1615 Winthrope Rd., Pontiac
PRICE, LOWELL M. 407 S. West, Royal Oak
PRIMEAU, EDMUND E. 15481 Linnhurst, Detroit 5
RADFORD, J. RUSSELL 14395 Rosemont, Detroit 23
RASEMAN, RICHARD P. 910 Rose, Ann Arbor
REDSTONE, LOUIS G. 3510 Woodward, Detroit 1
RICE, RAYMOND F. Rte. No. 1, Rathbone, N.Y.
RINDGE, WARREN L. 610 Locust, S.W., Grand Rapids
ROBINSON, NORMAN A. 345 New Center Bldg. Detroit 2
ROBINSON, RICHARD M. 2620 Whitewood Pittsfield Village, Ann Arbor
ROESSLER, CLARENCE A. 836 W. North, Kalamazoo 4
ROGVOY, THEODORE 929 Fox Bldg., Detroit 1
ROSA, CLARENCE H. 111 W. Barnes, Lansing 10
ROSELLA, EDWARD G. 17114 Bradford, Detroit 5
ROSENFELD, ARTHUR H. c/o A. Bitter Construction Co., 721-31 E. 133rd St., New York 54, N.Y.
ROSS, DONALD O. 409 Busch Bldg., Lansing 68
ROSSELLO, PETER R. 9407 Mack, Detroit 14
ROSSETTI, LOUIS 1000 Marquette Bldg., Detroit 26
ROZYCKI, WALTER J. 2268 E. Forest, Detroit 7
RUDINE, CARL J. 1126 Grand Rapids Nt'l Bank Bldg. Grand Rapids 2
RUIFROK, HENRY W. 15430 Belden, Detroit 21
RUSH, J. LEONARD 8869 Piedmont, Detroit 28

SAARINEN, EERO W. Long Lake Rd. Bloomfield Hills
SAARINEN, ELIEL W. Long Lake Rd. Bloomfield Hills
SAMPSON, CLAUDE D. 510 McBride, Jackson
SARVIS, LEWIS J. 258 Champion St., Battle Creek
SCHEUFFLER, CARL A. 12636 E. Forest, Detroit 13
SCHILLING, EDWARD A. 728 Michigan Bldg. Detroit 26
SCHLEY, CYRIL E. 16851 James Couzens Highway, Detroit 27
SCHMIDT, ARTHUR O. A. 1118 Buhl Bldg., Detroit 26
SCHOERGER, ALBERT E. 2458 Leslie, Detroit 6
SCHOETTLEY, FREDERICK J. 220 Bagley, Room 730, Detroit 26
SCHOWALTER, LEO J. 13044 Warrington Dr. Detroit 21
SCHULWITZ, CARL G. 52 Benton Hanchett Rd., Saginaw
SCHULZ, GEORGE L. W. 1354 Broadway, Detroit 26
SCHURMAN, JOHN 1646 Northlawn Dr., Birmingham
SCHWENKMEYER, CARL H. 2261 Pittsfield Blvd., Pittsfield Village, Ann Arbor
SCHWINCK, ESTHER 2360 W. Grand Blvd., Detroit 8
SCRIPTURE, CHARLES M. 4031 Vicksburg, Detroit 4
SCRYMGEOUR, GEORGE K. 345 New Center Bldg. Detroit 2
SEEGER, RALPH E. 839 Iroquois Dr., S.E., Grand Rapids 6
SEVERIN, EMIL L. 189 McKinley Rd., Grosse Pointe 30
SEWELL, PAUL R. 730 Michigan Bldg., Detroit 26
SEXTON, JAMES E. 2727 Second Blvd., Detroit 1
SHAFFER, EARLE W. 19434 Cheyenne, Detroit 21
SHEILL, GORDON A. 902 Orchard Grove, Royal Oak
SIDNAM, VERNE H. 360 Mary Grosse Pointe 30
SIMONS, HOWARD T. 804 Transportation Bldg. Detroit 26
SIMPSON, LEWIS W. 22120 Edison, Dearborn
SIMPSON, STANLEY G. 1510 W. Ionia, Lansing
SIRRINE, CHESTER A. 501 Townsend, Lansing
SMITH, GEORGE S. 2105 E. 71st St., Chicago 49, Ill.
SMITH, EBERLE M. 1202 Francis Palms Bldg. Detroit 1
SMITH, HARRY T. 1029 Mason, Flint 4
SMITH, LINN CHARLES 2322 Fernwood, Ann Arbor
SNYDER, LEON, JR. 715-19 Michigan Nat'l Bank Bldg. Battle Creek
SNYDER, RICHARD G. 1129 Comfort, Lansing 15
SORENSEN, N. CHESTER 926 N. Monterey Alhambra, Calif.
SPELLICY, JOHN P. 17536 Hartwell, Detroit 21
SPENCE, JAMES A. 118 N. Washington, Saginaw
SPRAU, GEORGE W. 1015 Campbell, Kalamazoo
STACHOWIAK, STEPHEN J. 3342 Carpenter, Hamtramck 12
STAHL, JOHN C., JR. 1115 Francis Palms Bldg. Detroit 1
STANTON, HENRY F. 1243 Free Press Bldg. Detroit 26
STAPERT, RAYMOND 1030 Campbell, Kalamazoo 21
STEFFENS, J. H. GUSTAV Dearborn Hotel, 4616 Calhoun, Dearborn
STEIN, J. STEWART 737 N. Michigan, Chicago 11, Illinois
STEKETEE, CHRIS 621 Murray Bldg., Grand Rapids 2
STIRTON, MALCOLM R. 153 E. Elizabeth, Detroit 1
STONE, WILLIAM A. 1507 American Nat'l Bank Bldg. Kalamazoo 4
STOWE, GORDON H. 2200 Olds Tower Bldg., Lansing
STRAIGHT, EUGENE D. 15624 Michigan, Dearborn
STRAUSS, A. M. 415 Cal-Wayne Bldg., Fort Wayne, Ind.
STRAUSS, FRED G. 16205 Normandy, Detroit 21
STUCHELL, CLAIR A. 740 University Pl. Grosse Pointe 30
SWANSON, J. ROBERT F. Bloomfield Hills
SWARTS, WARD G. 108 Wallace Blvd., Ypsilanti

TAMPLIN, ERNEST 22229 John R., Hazel Park
TANNER, THOMAS S. 308-10 S. State, Ann Arbor
TAYLOR, JONATHAN A. 1415 Glynn Ct., Apt. 102 Detroit 6
TAYLOR, S. HOWELL 500 Packard, Ann Arbor
TEMPEST, R. W. 1411 E. Jefferson, Detroit 7
THEBAUD, VICTOR E. 604 North Park, N.E. Grand Rapids 5
THOMPSON, G. HAROLD (Lt. Comm.) C. E. C., U.S.N.R., Navy Supply Center, Oakland, Calif.
THORNTON, JOHN C. 2000 Second, Detroit 26
THULIN, WALTER E. 6425 W. Vernor Hwy., Detroit 9
TILDS, PAUL 18000 James Couzens Hwy, Det. 21
TOUR, HARRY B. 402 Union Bldg., Knoxville, Tenn.
TROUT, ALEX L. 1762 Penobscot Bldg., Detroit 26

Distributors of Quality

POWER PLANT EQUIPMENT

Fans - Unit Heaters - Air Washers - Pumps - Ash Handling Systems - Flow Meters - Boiler Feed Regulators - Hot Water Heaters - Air Compressors - Steel Heating Boilers - Vacuum Heating Pumps - Heating Systems with Zone Controls - Heating Specialties - Automatic Solenoid Valves - Float Valves - Liquid Meters - Insulation Products - Air Filters - Stokers - Steam Traps - Jet Apparatus - Regulators - Recorders - Welding Fittings - Valves of all Types.

The Coon-DeVisser Co.

2051 W. Lafayette Detroit 16, Mich.
TAshmoo 5-6000

E. J. ANDERSON

Representing

SLOAN VALVE CO.
FLUSH VALVES

JOSAM MANUFACTURING CO.
FLOOR DRAINS

CHICAGO PUMP CO.
CENTRIFUGAL PUMPS

ELKHART BRASS MFG. CO.
FIRE PROTECTION EQUIPMENT

14 Smith Street TRinity 2-7085
Detroit 2, Michigan MAdison 4899

W&K

STEEL

STRUCTURAL — FABRICATED — WAREHOUSE

Whitehead & Kales

58 Haltiner Detroit 18, Mich. VInewood 3-1100

TRYSELL, ERNEST H. .... 906 American Radiator Bldg. Detroit 26

VALENTINE, CHARLES M., JR. .... 448 Mitchell Rd. R. No. 1, St. Clair
VALENTINE, EDWIN E. ..... 99 Miller, Muskegon
VANDEN BOGERT, JOHN .. 952 Michigan Trust Bldg., Grand Rapids 2
VANDER LAAN, PETER .... 718 Campbell, Kalamazoo 51
VAN DER MUELEN, JOHN H. .... 645 N. Michigan Ave., Chicago 11
VAN DIS, JOHN A., JR. .. 1546 Grand Ave., Kalamazoo
VAN DONGEN, HUBERT W. ..... 190 Michigan, Benton Harbor
VAN REYENDAM, DIRK .... 9640 Bessemore, Detroit 13
VARNEY, F. ORLA ..... 958 Putnam, Detroit 2
VENMAN, VERNON L. ..... 4229 Glendale, Detroit 4
VICARY, HARRY C. .... 22148 Michigan Ave., Dearborn
VOGEL, CHARLES J. ..... 2310 Edison, Detroit 6
VOSE, GARDINER C. .... 436 Glengary Rd., Birmingham

WAGNER, RANDALL ....1510 American Nat'l Bank Bldg. Kalamazoo 4
WALKER, F. R. ..... 1240 Huron Rd., Cleveland 15, O.
WALPER, C. ORA .... 24675 Farmington Rd., Farmington
WARD, RAY F. ..... 132 N. Genessee, Pontiac 19
WARREN, NEIL ERNEST ..... 34 Maplefield Pleasant Ridge
WATSON, V. S. ..... R.F.D. No. 2, Berrien Springs
WEAVER, MERLE C. ..... 5920 Lakeview, Detroit 13
WEBER, A. A. ..... 160 Market, Mt. Clemens
WEBSTER, MORRIS ..... 16216 Greenview, Detroit 23
WEEKS, ARTHUR L. ..... 315 S. Federal Hy. Lake Worth, Fla.
WEEMHOFF, HARVEY H. ..... 609 Windsor Terrace Grand Rapids
WEIGLE, WILLIAM L. .... 10736 Somerset, Detroit 24
WEITZMAN, ARNOLD A. ..... 11845 LaSalle Blvd. Detroit 6
WELCH, KENNETH C. ..... 1340 Monroe, N. W., Grand Rapids 5
WEST, ROBERT J. 512 United Artists Bldg., Detroit 26
WETZEL, BERNARD C. .....4643 Pacific, Detroit 4
WHEELER, VERNON L. .....16119 Fenmore Ave., Detroit 27
WHITE, DONALD F. ..... 126 John R. St., Detroit 26
WHITE, FRANK A. .... 173 Kent St., London, Ontario, Canada
WHITING, EDMUND .... Architectural Office of Canal Zone, Inst. of Inter-American Affairs, 12 Calle 0 #3, Altos, Guatemala, Canal Zone
WHITNEY, CLARENCE J. .. 119 N. Main St., Sheridan, Wyoming
WIEDMAIER, FRANK W. ..... 112 Madison, Detroit 26
WIGEN, FREDERICK E. ..... 132 S. Washington Ave., Saginaw
WILBY, ERNEST ..... 1567 Ouellette Ave., Windsor, Ontario, Canada
WILLEKE, LEONARD ..... 1142 Bishop Rd., Grosse Pointe 30
WILLIAMS, ALBERT E. ..... 140 Elmhurst, Detroit 3
WILLIAMS, DAVID H., JR. ..... 13300 E. Outer Dr., Detroit 24
WILLIAMS, MALCOLM M. ..... 827 Sunset Lane, East Lansing
WILSON, ARTHUR L. ..... 13535 Woodward, Detroit 3
WILSON, C. H. CARLISLE ..... 60 Emmons Blvd. Wyandotte
WINEGAR, W. RAY ..... 46 Bloor St., W., Toronto, Ontario, Canada
WINN, OTIS ..... 528 Michigan Bldg., Detroit 26
WINTER, FRED J. .....2410 Book Bldg., Detroit 26
WOOD, BARTON D. 695 Rivard Blvd., Grosse Pointe 30
WOODWORTH, L. L. .. 221 Municipal Bldg., Ann Arbor
WORTHINGTON, ADDISON M. .... 32311 S. Coast Blvd., South Laguna, Calif.
WRIGHT, CLIFFORD N. .... 1758 Holland, Birmingham
WRIGHT, FRANK H. .... 120 Madison Ave., Detroit 26
WRIGHT, LLOYD H. .... 120 Madison Ave., Detroit 26
WRIGHT, MAXWELL E. .... 6821 Scotch Lake Dr., Rte. #5, Pontiac
WYETH, WALTER H. .... 323 Peoples Bank Bldg., Port Huron
YAMASAKI, MINORU ..... 3077 Livernois, Rte. #4, Birmingham
YERETSKY, NORMAN M. ..... 830 N. Wabash Ave., Chicago 11, Ill.
ZANDER, ROBERT A. ..... 345 New Center Bldg., Detroit 2
ZANNOTH, GEORGE G. .... 1114 Buhl Bldg., Detroit 26
ZILLMER, EMIL G. 132 Federal Square Bldg., Grand Rapids 2
ZIMMERMANN, ARTHUR J. .. 710 Snyder Rd., Lansing
ZIMMERMANN, WILLIAM C. .....831 W. Huron, Pontiac 11
ZISLER, LYLE F. .... 628 McKerchey Bldg., Detroit 1

William A. Adam Co.

Plumbing & Heating Contractors

8810 GRINNELL AVE. DETROIT 13, MICH.

HARRIGAN
AND
REID CO.

HEATING & PLUMBING ENGINEERS
SHEET METAL WORK

SUMMER AND WINTER
Air Conditioning

PHONE:
CADILLAC 0243

1365 BAGLEY AVENUE
DETROIT 26, MICH.

L. L. McConachie Co.

HEATING

•

AIR CONDITIONING

•

PLUMBING

2240 MT. ELLIOTT AVE. DETROIT 7

LORAIN 7-2458

WESTERN WATERPROOFING COMPANY

Waterproofing Contractors and Engineers

155 WEST CONGRESS, DETROIT 26, MICH.

Ironite —For Below-Grade Work
Resto-Crete -For Above-Grade Work

31ST YEAR OF CONTINUOUS SERVICE

JOHN K. BAGBY
WM. F. SEELY
B. H. STUCK

DARIN & ARMSTRONG, INC.

GENERAL CONTRACTORS

DETROIT

LANSING FLINT

PRODUCERS' COUNCIL, INC., MICHIGAN CHAPTER

ALUMINUM CO. OF AMERICA
R. J. Ogden, P. R. Marshall
610 New Center Bldg. (2) TR. 1-8100

AMERICAN BRASS CO.
J. F. Pyne
174 S. Clark St. (9) TA. 5-3500

AMERICAN GAS ASSOCIATION
Ernest C. Baker
415 Clifford St. (26) CH. 3500

ARMSTRONG CORK COMPANY
W. J. Portland, E. D. Ainslie, Jr. Jay Simpson
Free Press Bldg. (26) CH. 5670

BELL & GOSSETT CO.
R. L. Deppmann (R. L. Deppmann Co.)
5853 Hamilton Ave. (2) TR. 2-6309

CECO STEEL PRODUCTS COMPANY
John F. Klein, Gordon Baskwell
408 Michigan Bank Bldg. (26) CA. 6875

CELOTEX CORP.
R. E. Leggette (R. E. Leggette Co.)
6425 West Vernor (9) VE. 3-4060

CHAMBERLIN CO. OF AMERICA
G. G. Bernard, F. A. Sansom, E. B. Ingersoll
F. W. Morse
1254 LaBrosse St. (26) CH. 8484

DETROIT STEEL PRODUCTS CO.
W. J. Torbet
2250 East Grand Blvd. (11) MA. 7680

FIAT METAL MFG. CO.
Louis T. Ollesheimer, Donald T. Ollesheimer
2539 Woodward Avenue (1) CA. 5860

GREAT LAKES STEEL CORP.
STRAN STEEL DIVISION
C. J. Bradley, R. J. Holihan
3750 Penobscot Bldg. (26) RA. 6540

E. F. HAUSERMAN CO.
C. M. Houff
2-262 General Motors Bldg. (2) MA. 6040

JOHNS-MANVILLE CORP.
F. W. Clise, P. D. Lee
832 Fisher Bldg. (2) MA. 3300

JOSAM MFG. COMPANY
Edwin J. Anderson
14 Smith St. (2) MA. 4899

KAWNEER COMPANY
A. L. White
12072 N. Martindale (4)

DAVID E. KENNEDY, INC.
James A. Gillman
834 W. Maplehurst Ferndale 20,
LI. 2-1886

KIMBERLY-CLARK CORP.
KIMSUL DIVISION
K. W. Kaiser (Quality Materials Co.)
6450 Brimson (12) TW. 1-5434

LIBBEY-OWENS-FORD GLASS COMPANY
J. F. Busse
610 Fisher Bldg. (2) MA. 0080

MARSH WALL PRODUCTS, INC.
Wm. E. Ogden
6432 Cass Avenue (2) MA. 6300

MASTER BUILDERS COMPANY
E. H. Fenker
626 Michigan Bldg. (2) CA. 1246

MUELLER BRASS COMPANY
Ralph C. Hunter
2842 West Grand Blvd. (2) MA. 3395

NATIONAL FIREPROOFING CO.
W. R. Sherman
5737 Commonwealth MA. 2181

WAYNE MOHR (Thomas Brick & Tile Co.)
14360 Livernois (4) TO. 8-1354

OTIS ELEVATOR COMPANY, Harry Fritzam
950 West Fort St. (26) RA. 4320

OWENS-CORNING FIBERGLAS CORP.
Edward E. French, Wright Hitt
517 New Center Bldg. (2) TR. 3-4400

PITTSBURGH PLATE GLASS CO.
G. F. Muller
6045 Hamilton Ave. (2) TR. 2-4500

H. H. ROBERTSON CO., W. E. Nichols
635 New Center Bldg. (2) TR. 2-2554

RODDIS LUMBER & VENEER CO.
J. R. Macauley
11855 E. Jefferson (14) VA. 1-7000

ROLSCREEN COMPANY, L. Watson
12503 Grand River Ave. (4) HO. 5189

SPEAKMAN CO., F. A. Schossow
8710 Radford Ave. (4) TY. 6-4890

SPENCER TURBINE CO., R. B. Richardson
4720 Joy Road (4) TY. 5-3975

TRUSCON STEEL COMPANY
Maurice Goldenberg
615 Wayne Street (26) CA. 3830

U. S. QUARRY TILE COMPANY
R. C. Faulwetter
7-227 General Motors Bldg. (2) TR. 5-2881

U. S. PLYWOOD CORP.
Wm. H. Hunt D. D. Temple
6854 Dix (9) VI. 3-1200

UNISTRUT CORP.
D. T. Kingman, W. A. Snure
Wayne, Michigan

VERMONT MARBLE CO.
(DETROIT MARBLE CO.)
D. L. Granger
1301 Kales Bldg. (26) CA. 1888

WESTINGHOUSE ELECTRIC & MFG. CO.
G. A. O'Keefe
5757 Trumbull Avenue (8) TR. 2-7010

ZONOLITE COMPANY
Dayton L. Prouty, C. E. Kleinbrook
14300 Henn Avenue, Dearborn TI. 1-6110

J. A. ZURN MANUFACTURING CO.
W. F. Mulcahy
403 Donovan Bldg. (1) CA. 7623

W. A. CORY (Honorary)
1195 Lawrence Ave. (2) TO. 6-1614

COMPLETE SCAFFOLDING SERVICE

Safway STEEL SCAFFOLDS, INC.

RENTALS—SALES

SCAFFOLDING
BLEACHERS
ALUMINUM LADDERS

Tested and Approved by
UNDERWRITERS LABORATORIES

57 E. Canfield Detroit 1, Mich.
TEmple 3-0420

PAGEL'S
INCORPORATED

Photo Engravers

641 Monroe Avenue
CAdillac 0472 - 9239

We're looking a year ahead

For us—and for you, too—1950 is going to be very important. The Michigan-Wisconsin gas pipe line from Texas to Austin Field is scheduled to be completed during the year.

This 1400-mile pipe line will bring increased supplies of gas to Detroit.

While there are limitations on supply to be observed in the meantime, there are no restrictions on the quality of the service we will endeavor to give you in your present uses of this fine fuel.

MICHIGAN CONSOLIDATED GAS COMPANY

415 Clifford • Cherry 3500

THE MICHIGAN SOCIETY OF ARCHITECTS

SCHEDULE OF RECOMMENDED CHARGES

(American Institute of Architects Document Adopted by the M.S.A.)

Ratified and adopted at the 14th Annual Convention M. S. A., 1928

Distribution Authorized at the 16th Annual Convention M. S. A., 1930

Revised Feb. 15, 1946

The Michigan Society of Architects, as a professional body, recognizing that the value of an Architect's services varies with his experience, ability and the location and character of the work upon which he is employed, does not establish a fixed rate of compensation binding upon all of its members, but, in the light of past experience, recommends that for full professional services, adequately rendered, an architect practicing in the State of Michigan should receive as reasonable remuneration therefor at least the compensation mentioned in the following schedule of charges:

1. The architect's professional services consist of:

(a) Preliminary studies, including the necessary conferences and the preparation of preliminary sketches, the least compensation of which is 20% of the hereinafter mentioned fees.

(b) Working Drawings and Specifications, completely ready for taking bids, the least compensation for which is an additional 55% of the hereinafter recommended fees.

(c) Supervision, including the taking of bids, the preparation of full size and large scale details, the general direction of the work, the checking of contractors' monthly statements, the checking of shop drawings for various trades, and the issuance of certificates of payment, the least compensation for which is an additional 25% of the hereinafter recommended fee.

2. The proper minimum charge for professional services on the average type of work, when let under a general contract, is 6% of the total cost of the work. When the major portion of the work is let under a general contract and a minor portion is let separately to individual contractors, then 6% shall govern for the entire work, plus an additional 4% upon that portion let separately.

When all of the work is let separately to contractors for individual trades, then the 6% fee shall be increased by 4% additional to cover the architect's extra cost of keeping records and dealing with several contractors instead of one contractor.

3. On residential work it is proper to charge from 8% on the first $50,000.00 of cost, and 6% on the balance. On residential work at a sufficient distance from the architect's office, to require unusual time in travel, but not far enough distant to require rail or boat transportation, it is customary to increase the abovementioned 8% and 6% charges to 10% and 8% respectively. In both cases the fee shall cover stables, garages and other dependencies.

4. In the hands of architects best qualified to design them, churches and ecclesiastical buildings generally bear a commission of from 8% to 10% on work under $50,000.00, and 7½% on work over that amount. Designing of or assisting in the selection of or purchasing of church furniture and fixtures, depending on the amount of detail work necessary and the time required, bears a commission of from 10% to 20%.

5. Buildings with complicated equipment such as laboratories bear a higher rate than the 6% quoted in paragraph 2, above, for average work. If taken at 6%, the equipment should be charged separately at a higher rate.

6. On monumental decorative and landscape work, special interiors, and special cabinet work, as well as alterations to existing buildings, whether federal, municipal or private, the minimum charge is 10%. Should the work involved require unusual study or specialization, it is usual to charge 15% or even more.

7. Designs for fabrics, furniture, fixtures, lighting fixtures, and special decorative work other than for churches, the minimum charge is 15%.

8. On articles not designed by the architect, but purchased under his direction, the minimum charge is 6%.

9. On work of such nature that the final total cost cannot be reasonably accurately approximated, it is advisable and permissible to charge on a pay roll-overhead-profit basis, that is to say, to charge the actual amount of the payroll, plus the average percentage of overhead, plus a profit of, say 25%. If pay roll totals $100.00 and overhead amounts to 85% of the pay roll, then the charge will be:

Pay roll	$100.00
Overhead, 85% of $100.00	85.00
Total	**$185.00**
Plus 25% for Profit	46.25
Total charge	**$231.25**

In offices having an overhead of 100% this method amounts to charging 2½ times the pay roll, which is quite generally used. It is fair to both owner and architect. It often saves the owner a considerable amount, and insures the architect a reasonable profit.

10. As a substitute for the method suggested in paragraph No. 9 above, the architect may be paid a fixed fee for his own personal services, or, in some cases, a commission upon the cost of the work. In addition thereto, he is reimbursed by the client for his actual office expenses, (pay roll, exclusive of his own drawing account, plus overhead). This is known as the "Fee-plus-cost" method.

11. All disbursements for traveling expenses, measurements, surveys, fees for expert advice when requested or sanctioned by the client, and the cost of all prints, to be paid by the client.

12. All of the above charges are subject to increase by special arrangement, where the cost of the work is small or the conditions unusually difficult.

13. By special interiors and cabinet work, is meant that part of the work which is individual, and requires special study and drawings for each room or each feature thereof, as distinguished from the work which is repetitious and which can be executed from typical drawings and general specifications.

14. The supervision of an architect does not guarantee the performance of the contract by the contractor, or insure the client against defective work thereunder.

Where the architect is retained to oversee preparation, manufacture, execution and installation of work, as well as to check final requests for payment for same, he will do everything in his power to enforce the spirit and the letter of drawings and specifications. Beyond that he is not responsible.

15. The architect is construed by the courts to be the owner's agent and the owner is responsible for payment for labor and material ordered by the architect for the owner. The architect's power of agent is limited, however, to the building or work upon which the architect has been commissioned by the owner to perform professional services.

16. It is proper to charge for the preparation of sketches of any nature whatsoever, even if the client be asked only to reimburse the architect for his actual costs of payroll and overhead.

Under no circumstance will the architect offer to make sketches without charge or obligation in order to assist in soliciting business: nor will he submit to a prospective client's invitation to submit sketches under such conditions, for, by so doing, he may institute or be drawn into an ungoverned and unethical competition.

If the architect chooses to work without reasonable compensation, he may do so only under conditions which will not tend to injure his fellow practitioners.

UNETHICAL PRACTICE

If an architect has quoted a rate of fee to a prospective client, another architect seeking the same work and having knowledge of the rate quoted by the first, is guilty of unprofessional conduct it he attempts to obtain the work by quoting a lower rate of fee. Such conduct is unethical.

SUBMITTING SKETCHES

If an architect knowingly competes with other architects by submitting sketches without obligation, thereby submitting to an ungoverned and unauthorized competition, he is unfaithful to the profession, and guilty of unprofessional conduct.

COST PER CUBIC FOOT IN CENTS

Classification of Buildings	Aug., 1915	Aug., 1920	Jan. 1, 1921	Aug. 1, 1921	April 1, 1922	Dec. 1, 1922	Jan. 1, 1924	Feb. 1, 1925	Feb. 1, 1926	Feb. 1, 1927	Jan. 1, 1928	Jan. 1, 1929	Jan. 1, 1930	Jan. 1, 1931	Jan. 1, 1932	Jan. 1, 1933	Jan. 1, 1934	Jan. 1, 1935	Jan. 1, 1936	Jan. 1, 1937	Jan. 1, 1938	Jan. 1, 1939	Jan. 1, 1940	Jan. 1, 1941	Jan. 1, 1942	Jan. 1, 1943	Jan. 1, 1944	Jan. 1, 1945	Jan. 1, 1946	June 1, 1946	Jan. 1, 1947	Jan. 1, 1948	Nov. 1, 1948
Factories and Warehouses:																																	
Fireproof (Under 300,000 cu. ft.)	.14	.31½	.23	.18	.17	.21	.24	.23	.22½	.23	.22	.22	.22	.16½	.15	.14	.16	.16½	.19	.21½	.25	.24	.25	.28	.30	.31	.32	.34½	.35	.37	.41½	.45	.49
Fireproof (Over 300,000 cu. ft.)	.12½	.29	.21	.17	.16	.19½	.23	.22	.21½	.22	.21	.21	.21	.16	.14½	.12½	.14	.15	.17	.20	.21	.20	.23	.25	.26	.27½	.28½	.31	.32	.34	.38	.41	.45
Mill Construction	.10	.22½	.15½	.12	.11	.14	.16½	.16	.16	.16½	.15¾	.15¾	.15½	.11½	.11	.10	.11½	.12	.14	.16	.17	.16½	.16	.17	.18½	.20	.21	.23	.24	.25	.27	.31	.33½
Ordinary	.09	.21	.15	.12	.10½	.13½	.15	.14½	.14	.14½	.14	.14	.13½	.10	.09½	.08½	.03½	.10	.11½	.13	.14	.13½	.13½	.16	.17½	.19	.20	.21½	.22	.23	.24½	.28	.30
Frame	.07½	.17	.12	.10	.08	.11½	.13	.11	.10½	.10½	.10	.10	.10	.07½	.07	.07	.08	.08½	.10	.11	.10	.09	.09	.12	.14	.15	.15¾	.17½	.18	.19	.21	.24	.26½
Stores:																																	
Fireproof	.23	.52	.39	.31	.30	.36	.41½	.40	.39	.39½	.38	.38	.38½	.30	.29½	.26	.30	.31	.35½	.39	.42	.40	.42	.46	.50	.53	.55	.59	.60	.64	.67½	.74	.80
Ordinary	.16½	.37½	.26½	.21	.19	.24½	.28	.26½	.26	.26½	.25½	.25½	.25	.20	.19	.16½	.20	.21	.24	.26½	.22	.22	.26	.29	.31	.34	.36	.39	.39½	.41	.44	.50	.54
Flats (Above Ordinary)	.22	.48½	.34	.27	.23	.30½	.31	.29	.28	.28½	.27½	.27½	.27	.22	.21	.18½	.21	.22	.25	.28	.25½	.25	.24½	.27½	.29½	.33	.35	.38	.40	.41½	.45½	.52	.56
Ordinary without Basements	....	....	....	.16¾	.16	.18½	.21	.19	.18	.18	.17½	.17½	.17	.14¼	.14	.12	.14	.15	.17	.19	.16	.16	.17	.20	.22	.24	.25	.26	.26½	.27½	.30	.34	.37
Markets:																																	
Ordinary without Basements	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.13	.14½	.16	.18	.19	.20½	.21	.22	.25	.28	.30
Churches and Theatres:																																	
Fireproof	.18	.40½	.35	.28	.27	.32½	.37½	.36	.35¼	.36	.34¾	.34¾	.35	.27	.26	.22½	.26	.27	.31	.35	.38	.38	.42	.50	.54	.56	.58	.63	.64½	.68	.72	.75	.81
Ordinary	.15½	.35	.24½	.19	.18	.22	.28½	.27½	.27	.27½	.26½	.26½	.26	.20½	.19½	.18½	.21	.22	.25	.28	.31	.30	.30	.35	.38	.42	.44	.48	.49	.51	.55	.60	.65
Office Buildings:																																	
Fireproof	.30½	.68½	.54½	.44	.35	.51	.54½	.52	.51	.51½	.49¾	.49¾	.50	.39	.37½	.32½	.37½	.39	.44½	.50	.55	.53½	.54	.59	.64	.67	.69	.74¾	.75	.78	.85	.95	1.03
Ordinary	.22	.48½	.34	.27	.25	.30½	.35	.33½	.32¾	.33¼	.32	.32	.32	.25	.24	.21½	.25	.26½	.30	.33½	.36	.33	.32	.37½	.40	.43½	.46	.50	.52	.54	.59	.67	.72
Hotels:																																	
Fireproof	.33½	.75½	.58½	.45	.37	.52	.59½	.57	.56	.57½	.55½	.55½	.56	.42¾	.42	.37½	.43	.45	.52	.58	.60	.57	.59	.64	.69	.72	.74	.80	.82	.85½	.92	.99	1.07
Ordinary	.29½	.66½	.46½	.37	.26	.43	.43	.34	.32	.32½	.31¼	.31¼	.31	.25½	.24	.21½	.25	.26½	.30	.34	.34	.31½	.32	.37½	.40	.45	.47½	.51¼	.53	.55	.58½	.66	.71
Schools:																																	
Fireproof	.22	.48½	.40½	.32	.30	.37	.45½	.43½	.42	.43¼	.40	.40	.40	.32	.30	.27	.31½	.33	.38	.42½	.45½	.43	.45	.50	.54	.56	.58	.63	.64½	.67½	.73	.82	.89
Hospitals:																																	
Fireproof	.32	.72	.54	.32	.33	.37	.45½	.43½	.42	.43¼	.45	.45	.45	.32	.32	.27¾	.32	.33½	.38½	.43	.60	.60	.60	.66	.71½	.72½	.74½	.80¼	.82	.85¾	.88½	.93	1.06
All Steel Buildings:																																	
Under 20,000 cu. ft.	.12	.25	.21	.17	.15	.19½	.20	.14	.13½	.13½	.13	.13	.13	.11	.11	.10	.11½	.12	.14	.16	.17	.16½	.14	.15	.16	.16½	.17½	.19	.19½	.20½	.22	.24½	.26½
20,000 to 100,000 cu. ft.	.08	.18	.15	.12	.10	.14	.14½	.12	.11	.11	.10½	.10½	.10½	.10	.10	.09	.10	.10½	.12	.13	.14	.13	.12	.14	.15½	.16	.17	.18¼	.19	.20	.21½	.24	.26
Over 100,000 cu. ft.	.06½	.14	.13	.10	.08	.11½	.11½	.10	.09½	.09½	.09	.09	.09	.07	.07	.06½	.07	.07½	.08½	.09½	.10	.09	.10	.11½	.12½	.13	.14	.15	.16	.17	.18	.20	.21½
Apartments:																																	
Fireproof	.35	.78	.54	.43	.36	.50	.55	.52½	.51	.52	.50	.50	.50	.39	.37½	.34	.39	.41	.47	.52	.55	.52	.55	.59½	.64	.67	.69½	.75	.77	.81	.87	.96	1.04
Protected	.23½	.66½	.46½	.37	.30	.43	.48	.46	.45½	.46	.44¼	.44¼	.45	.34½	.34	.30	.34½	.36	.41	.46	.48	.45½	.45½	.50½	.55	.57	.59	.64	.65½	.68¾	.70	.77	.84
Brick (Ordinary)	.28	.63	.43	.34	.23½	.39½	.34	.32	.30	.30½	.29½	.29½	.29	.24	.23	.22	.25	.26½	.30	.33½	.44	.42	.36	.41	.44½	.47	.49¾	.54	.56	.58	.62	.71	.77
Brick (Veneer)	.24	.54	.37	.30	.22	.34½	.32	.30	.29	.29	.28	.28	.28	.22½	.22	.21	.24	.25½	.28	.31	.31	.28	.25½	.31	.34	.36½	.38	.41	.43	.45	.48	.55	.59½
Residences:																																	
Brick (with 12" basement wall)	.30½	.68½	.48	.33	.33	.45	.48	.46	.45	.45½	.44	.44	.44½	.34½	.33½	.25½	.29	.31	.34	.38	.36	.32	.32	.36	.40	.45½	.46	.50	.52	.54½	.59	.67	.72
Brick (1-Story with 8" Basement walls) not over 18000 cu. ft.																											.36	.39	.40	.43	.46	.52	.56
Brick (Ven'r or Stucco)	.24	.54	.37	.30	.24	.34½	.34	.32½	.32	.32	.30¾	.30¼	.30½	.24	.23	.22½	.24½	.25	.27	.30	.30	.30	.27½	.31½	.35	.37	.37	.40	.42	.44	.47	.53	.56
Brick (Ven'r or Stucco) 1 Story	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.27	23½	30	.33	.36	....						
Brick (Ven'r or Stucco) 1-Story not over 18000 cu. ft.																																	
Frame	.21½	.48½	.34	.27	.19	.30½	.30	.26½	.25	.25	.24	.24	.24	.20	.19	.19	.21	.21½	.23	.26	.24	.19	.19	.25	.28	.31	.35	.38	.39	.41	.44	.50	.54
Frame (Not over 25,000 cu. ft.)	....	....	....	....	....	....	....	....	....	.20	.20	.20	.20	.15	.15	.14	.16	.17	.19	.21	.21	.20	.18	.23	.24	.30	.32	.36	.37	.39	.41	.47	.50
Frame (1 to 1½ Stories) not over 18,000 cu. ft.																											....						
Cinder Concrete Block	....	....	....	....	....	....	.41½	.39	.38	.38	.36¾	.36¾	.37	.29	.28	.22½	.26	.27	.31	.35	.35	.30	.30	.34	.38	.42	.31	.34	.36	.38	.39	.45	.49
Cinder Concrete Block (1-Story not over 18,000 cu. ft.)																											.43	.46	.47½	.50	.51	.58	.62
Garages:																											.34	.37	.38	.40	.42	.47	.52
Gas & Service Sta.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	21½	25	26½	30	34	36	35	35	42½	45	48	48	50	53	59	65	67	72
Fireproof	....	.30	.23	.18	.17	.21	.24	.23	.22½	.23	.22¼	.22¼	.23	.17	.17	.15½	.17½	.18	.21	.23½	.25	.24	.25	.28	.30	.31	.32	.34½	.35	.37	.41½	.45	.49
Mill Construction	....	.20	.15	.12	.11	.14	.16	.15	.14	.14½	.14	.14	.13½	.11	.11	.10	.11½	.12	.14	.16	.17½	.16½	.15	.18	.19	.21	.22	.24	.25	.26	.27	.31	.34
Ordinary	....	.17	.14	.11	.10	.13	.15	.13½	.12½	.13	.13	.13	.13	.10	.10	.09	.10	.10½	.12	.13	.14	.13½	.13½	.15	.16	.17	.18	.19½	.20	.21	.23	.26	.28
Frame	....	.14	.12	.09	.08	.10½	.12	.10	.09½	.09½	.09	.09	.09	.08	.07	.06½	.07½	.08	.09	.10	.11	.09	.08½	.10½	.11	.12	.12½	.14	.15	.16	.17	.19½	.21
Sheds Without Heat:																																	
Enclosed Without Floor (Frame)														.04¾	.04½	.04	.04½	.05	.05½	.06	.05½	.05	.05	.06	.06½	.07	.07½	.08	.08½	.09	.10	.11	.12
Enclosed (Frame)														.06	.06	.05	.06	.06½	.07	.08	.08	.07	.07	.08	.09	.10	.10½	.11½	.12	.12½	.13½	.14½	.15½
Enclosed (Ordinary Construction)														.09½	.09¼	.09	.09½	.10½	.12	.13	.14	.13½	.10	.11½	.12½	.14	.15	.16	.17	.18	.19	.20	.21½
Enclosed Without Floor (Ordinary Construction)														.09¼	.09	.08	.09½	.10	.11¼	.12½	.13	.12½	.09	.10	.11	.12	.13	.14	.15	.16	.17	.18½	.20
Enclosed (All Steel)														.04½	.04½	.04	.04½	.05	.05½	.06	.07	.06	.06	.07	.07½	.08	.09	.10	.10½	.11	.12	.13	.14
Enclosed Without Floor (All Steel)														.03½	.03½	.03¼	.04	.04	.04½	.05	.06	.05	.05	.06	.06½	.07	.08	.09	.10	.10½	.11	.12	.13
Open Shelter (Frame Construction)														.03	.03	.03	.03	.03½	.04	.05	.04½	.04	.04½	.05	.05½	.06	.07	.08	.08½	.09	.10	.10½	.11

(Copyright, 1948, by Detroit Real Estate Board)

SEE EXPLANATION ON PAGE 64

REVISED SCHEDULE OF UNIT COSTS
BASED ON CUBICAL CONTENTS OF BUILDINGS

(Copyright, 1948, by Detroit Real Estate Board)

Annually since 1915, the Detroit Real Estate Board has produced and distributed a schedule of unit costs employing cubical contents of buildings as the basis for determination of costs. The schedule, revised as of Nov. 1, 1948 is presented herewith.

The schedule of costs was produced primarily as a service to members of the Detroit Real Estate Board, as a guide in estimating construction or reproduction costs and as a possible guide to appraisers. Within recent years, scores of requests for copies have come from all parts of the United States and numerous trade publications have asked permission to publish the schedule. It has been and continues to be the policy of the Detroit Real Estate Board to authorize reproduction of the schedule by recognized trade publications and by banks, trust companies, insurance companies, building and loan associations, mortgage companies, appraisal organizations, etc., for the personal use of members of those organizations but no permission is given for reproduction of the schedule for sale. Additional copies may be purchased from the Detroit Real Estate Board at 30 cents each.

The willing and painstaking cooperation of the Department of Buildings and Safety Engineering in the preparation of this schedule is appreciatively acknowledged. In using this schedule, the rules established by Commissioner Joseph P. Wolff and his department heads, should be observed. These rules follow:

"The cubical volume of a building for the purposes of determining the fees shall be measured as follows:

"From the outside of the walls and from the basement floor to the mean point of a pitched roof or to the highest point of a flat roof. The volume shall include all dormers, enclosed porches, pent houses, and other enclosed portions of a building, but shall exclude open porches.

"In the case of buildings without basements, the measurements shall be taken from the ground line, and in the case of large buildings having deep foundations, the height shall be measured from a point below the basement floor by an amount equal to 1-5 of the depth of the foundation.

"In the case of open shelter sheds and other open sheds, the volume shall be determined by measuring from the projection of the edge of the roof and from the ground line to the mean height of the roof."

The cost figures presented are presumed to represent the minimum cost at which a fairly good building of economic design, may be constructed under most favorable circumstances within the Detroit district. The costs contain architect's fees, contractor's profits and all general items of construction and equipment including plumbing and heating systems, elevators, incinerators, refrigerating systems, etc. Financing costs, however, are not included.

As bids of individual contractors may vary from 20% to 50%, so may there be a marked variance in the costs of similar buildings erected within a single area. The quality of construction must be taken into account. The schedule presented is based upon the cost of average construction. The costs might be lessened by inferior construction or substantially increased by superior construction. In all instances the schedule should be used to reinforce rather than to supplant the experience, information and judgment of the user.

Since 1915, the schedule has been prepared under like circumstances, and based upon like factors. It may be assumed, therefore, to present a rather accurate picture of the movement of building costs in the Detroit area during the past 33 years.

KUHNE-SIMMONS CO., INC.
J. L. SIMMONS COMPANY
INCORPORATED

General Contractors and Builders

Architectural, Industrial, Public Works Construction

Principal Offices
DETROIT 26, MICHIGAN
PENOBSCOT BUILDING

CHAMPAIGN, ILL. Neil Street
CHICAGO, ILL. 185 N. Wabash Avenue
DECATUR, ILL. Woodford Street
INDIANAPOLIS, IND. Union Title Bldg.

RECONVERSION OF THE BARNES MANSION

FOR USE AS A GOVERNOR'S RESIDENCE

REPORT TO THE GOVERNOR FROM THE MICHIGAN SOCIETY OF ARCHITECTS

EDITOR'S NOTE: During the latter part of 1948 the Honorable Kim Sigler, then Governor of Michigan, invited the Board of Directors of the Michigan Society of Architects to meet with him and discuss the advisability of remodeling the Barnes Mansion in Lansing for a Governor's Residence. As a result, the Society engaged Mr. Kenneth C. Black of the Lansing firm of Lee Black and Kenneth C. Black, to make a survey, study and report. Published herewith is Mr. Black's report, substantially as it was submitted to the Society. It was arranged in book form and submitted to the Governor. Much favorable comment resulted in the press throughout the state.

Photographs are by Miss Florence Dyer, of the State Building Division.

Suitability of the Site

The site of the Barnes Mansion in Lansing appears to us to be the best site available within the corporate limits of the city. Located on the axis of Capitol Avenue, with a main thoroughfare running past the front, and with the Grand River as the rear boundary line, the site combines the possibility for an imposing setting with adequate privacy for family life.

In the several city plans which have been prepared from time to time for the City of Lansing, this site has always been designated as the location for a Governor's residence. The City Plan Commission's official report, prepared by Harland Bartholomew and Associates of St. Louis, Missouri, and published in November of 1938, contains the following paragraph on Page 80:

"Governor's Mansion. A careful survey was made in Lansing to determine a proper site for a Governor's mansion. The site at the south end of Capitol Avenue was chosen because:

1. It is convenient to the Capitol and yet not close enough to get embroiled in the Capitol activities.
2. It would have a dramatic and dignified setting at the end of Capitol Avenue.
3. The site offers unusually good opportunities for a residence suitable for the Governor of a great state. Beautiful views would be obtained over the Grand River. The site is big enough and so located as to be protected against intrusion of undesirable neighbors."

The Michigan Society of Architects concur with the above statements.

Historical Status of the Existing Building

It is our understanding that many civic leaders and state officials in Lansing are of the opinion that the existing Barnes Mansion has sufficient historical interest and architectural merit to justify its preservation. The Society is not prepared to pass judgment on the relationship between this building and important historical events which may have transpired during the early days of the City of Lansing. We can, however, give our opinion as to the architectural qualities of the building.

Emil Lorch, Professor Emeritus of Architecture, University of Michigan, Ann Arbor, who was Chairman of the Advisory Committee of the Historic American Buildings Survey conducted in Michigan by the Federal government and who is generally regarded as being Michigan's foremost authority on the subject of architectural history and historical styles in architecture, has inspected the property and reports in part as follows:

"The residence was built in 1876, or about the middle of the long reign of Queen Victoria, during which period several architectural modes were followed in the United States. Mr. Barnes' entire life span came within that reign.

"While 'Victorian' is a term of reproach for many buildings of that era, it does not apply to all the buildings. Michigan had a distinguished architectural style during the early part of the era in the modified Greek Revival, and excellent buildings were erected in the Gothic and other modes. Architecturally the Mid-Victorian decades have been called the 'Age of Innocence' and the 'Reign of Terror' because of the great amount of mediocre composition and meretricious detail. In the critical sense 'Victorian' applies to that period, to the incongruity in design which followed efforts to combine traditional forms with novel, nondescript forms having a certain crude originality and vitality. But to achieve excellence with such diverse elements was obviously difficult and there developed in the residential field numerous mansions and houses of mixed and ostentatious design, many of which have been razed because they were both ugly and unmarketable. The quality of American architecture has improved tremendously since that time.

"The Barnes residence, planned for a specific family life, is large and has about twenty rooms above a high basement. Although well constructed it was designed at a time when taste in architecture was clearly at a low level. To say that the design is mediocre is not to criticize the builder, for he was like many others a victim of the architectural limitations of the post-Civil War years. During his travels in this country and abroad he must have seen some of the picturesque and 'romantic' mansions built as a reaction against formalism and have been somewhat influenced by them.

"Adapting this private house to long-range official use would . . . perpetuate a long outdated house . . . The result would be unrepresentative of what is generally recognized as satisfactory today and would not seem worthy of the nationally important and rich State of Michigan and its Governor . . ."

The Michigan Society of Architects concurs in the opinion expressed by Professor Lorch.

Hon. Kim Sigler, Governor
State of Michigan
State Capitol Building
Lansing, Michigan
Dear Sir:

In accordance with your request we have inspected the so-called "Barnes Mansion" in Lansing and have prepared the following report indicating the minimum amount of reconditioning, remodeling and new construction which we believe will be required to place the building in a suitable condition for occupancy as the official residence for the Governor of the State of Michigan.

We wish to thank you for your courtesy in requesting the assistance of our profession in connection with the problem of providing a permanent home for the Governor and we hope that our report will be of value in determining the policy of the State in this matter.

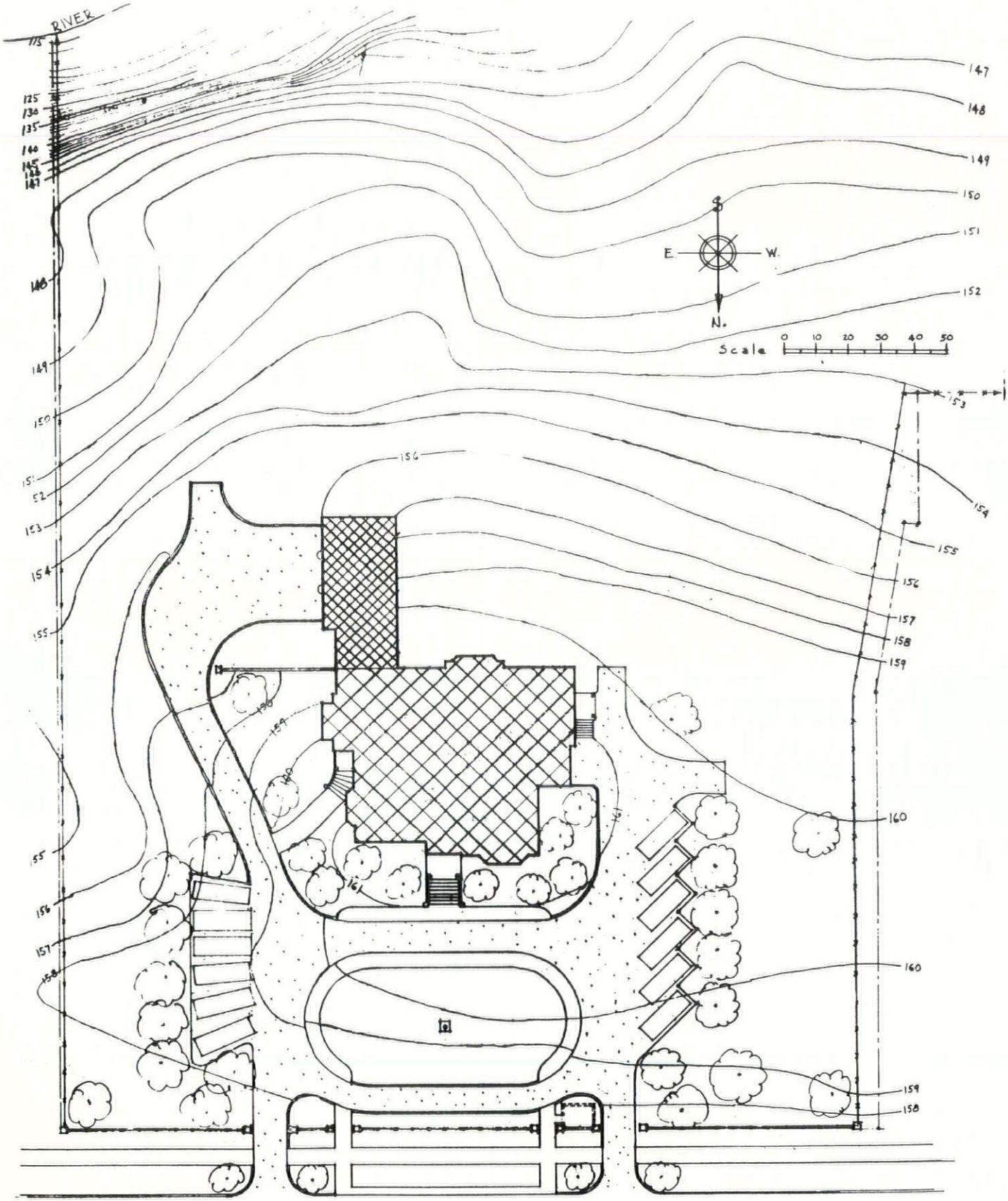
Respectfully submitted,
MICHIGAN SOCIETY OF ARCHITECTS
Adrian N. Langius
Adrian N. Langius, President

Physical Condition of the Existing Building on November 15, 1948

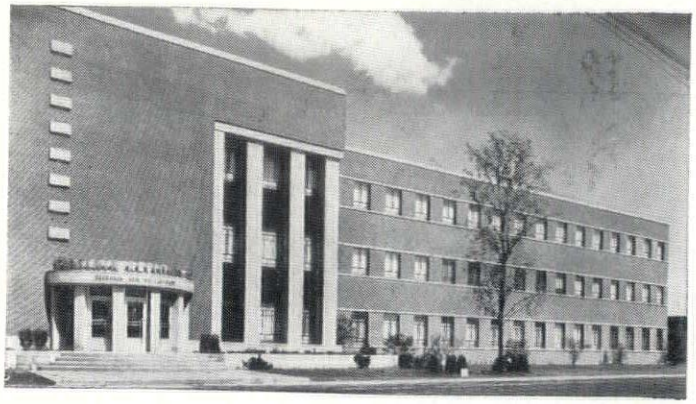
The existing structure is composed of heavy masonry bearing walls on both exterior and interior, combined with wood floor and roof construction. The structural elements of the building appear to be in good condition and can be reused without incurring any major expense for repair or replacement.

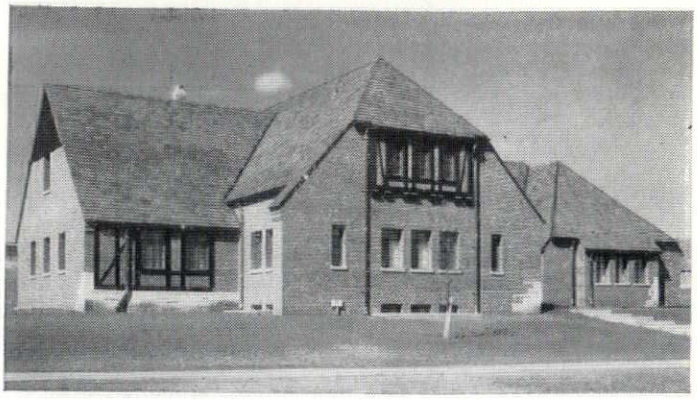
The facing materials, both inside and out, are in poor condition. The exterior stone work has deteriorated to an extent which will require replacement in several portions of the structure. Photographs of the east entrance porch on page 6 and of one of the chimneys on page 8 are submitted with this portion of the report as an illustration of the condition of exterior masonry.

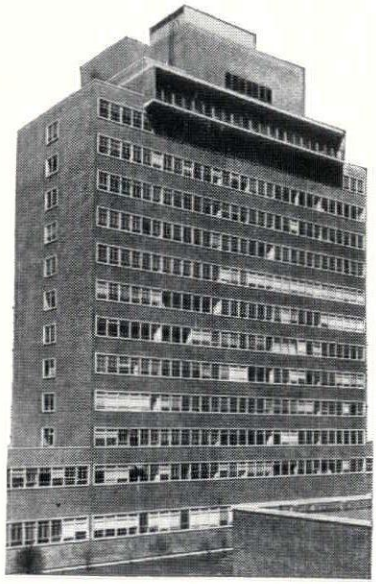
(See MANSION, Page 69)

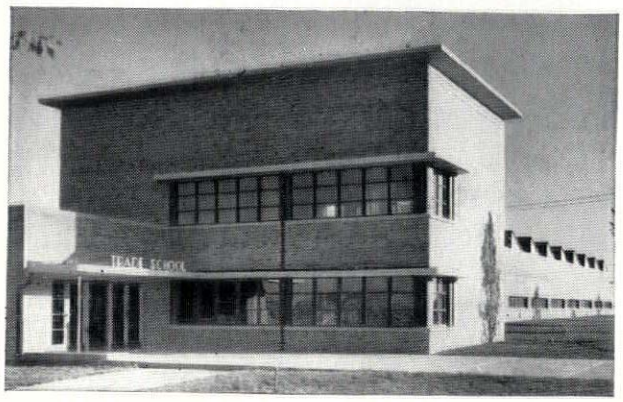

RIVER
E.
W.
N.
Scale
0 10 20 30 40 50
147
148
149
150
151
152
153
154
155
156
157
158
159
160
WEST MAIN STREET

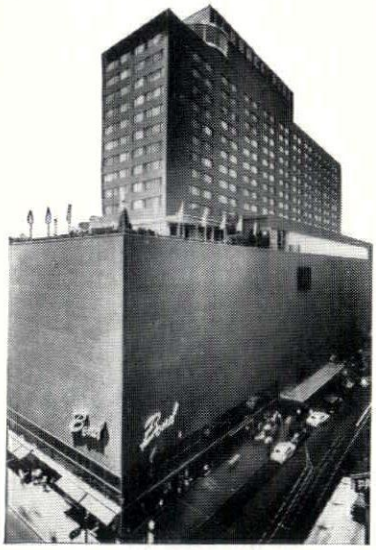
- SITE PLAN -











Whatever the type of building...

Whatever its window requirements...

You can build for distinction and keep costs low by specifying

FENESTRA

Fenestra* Fencraft Windows are made of high-quality casement sections of advanced design—fabricated into 51 different projected windows, 14 casement windows and 36 combination windows. Each good looking, finely made . . . and economical, because Fenestra's standardization plan permits volume production. For full information, see Sweet's Architectural File, section 16a/13, or write Detroit Steel Products Co., Dept. SA-3, 2270 East Grand Boulevard, Detroit 11, Mich.

*®

Fenestra

FENCRAFT STEEL WINDOWS
FOR BETTER BUILDINGS

Have You a Specification Problem?

USG's Architect Service Department
Has the Answer on Any of These Problems:

Roof Decks . . . poured or pre-cast gypsum, or steel
Acoustical Correction . . . sound absorption or isolation
Partitions . . . two-inch, or solid masonry
Plastering and Lathing
Wall and Ceiling Construction for Radiant Heating
Paint
Use of Light Weight Aggregates
Beam and Column Fireproofing
Insulation and Vapor Control
Masonry Mortar
Dry Wall Construction

Call in the USG representative at any time: W. C. Brown, Detroit office, 724 Fox Building, CAdillac 6171

USG Reg. U.S. Pat. Off. UNITED STATES GYPSUM

United States Gypsum

For Building • For Industry

Gypsum • Lime • Steel • Insulation • Roofing • Paint

MANSION, from Page 65

The roof has several major leaks which have apparently been in existence over a considerable period of time. Water reaching the interior of the structure through these leaks has caused extensive damage to plaster work and wood floors.

Wood window sills are rotted out in many of the windows. The window sash do not operate properly. Window glass is not of clear quality. Wood doors do not operate properly and all hardware is in poor condition.

The finish on both exterior and interior woodwork is in poor condition. The finish on wood floors is practically non-existent and all such areas will either have to be sanded and refinished or covered with new flooring material.

There are no heating facilities in the building. The nearest steam service from Lansing's Municipal Power Plant is three blocks from the building. Mr. Otto E. Eckert, Manager of Lansing Board of Water and Electric Light Commissioners, has stated that the city might consider a petition to extend this line to serve the Governor's residence providing enough additional customers could be secured along the route to justify the extension of the line.

There are no electric facilities in the building. At the time the building was last occupied it was apparently lighted by gas and the pipes serving the gas chandeliers are still in place. They could not, however, be safely reused at this date.

The plumbing facilities in the building are extremely antiquated and will be of no value whatever to a new occupant of the premises.

There are no garages or other facilities on the site which might be converted into such use.

Many of the basement rooms have earth floors. Those which have concrete or other basement flooring material are in very poor condition.

Floor Areas and Cubic Content of the Existing Building As of November 15, 1948

The building has a total of 17,537 sq. ft. of floor area and 186,758 cu. ft. of content, exclusive of attic spaces enclosed by sloping roofs. These totals are subdivided by floors as follows:

	Sq. Ft. (Gross)	Cu. Ft. (Gross)
Basement	5,009	47,770
First Floor	5,183	57,796
Second Floor	3,907	44,971
Third Floor	3,150	33,197
Fourth Floor (Tower)	144	1,728
Fifth Floor (Tower)	144	1,296
	17,537 Sq. Ft.	186,758 Cu. Ft.

Minimum Reconditioning Required to Make Existing Structure Habitable Without Any Structural Changes, Remodeling, or Additions

We are of the opinion that the following major items of work will be required to place the building in condition where it can be occupied without any change in room arrangements and without any additions to the structure or remodeling within it:

(1) The exterior stonework should be cleaned and all defective stone facing which is now apparent or which may become apparent in the cleaning process, should be removed and replaced. Stone joints throughout the structure should be scraped out and repointed. Brick chimneys which are to be reused should have the portions above the roof line demolished and rebuilt.

(2) The existing slate roof should be completely removed. Following its removal, the wood roof sheathing should be repaired as required and a complete new roof of either slate or asbestos shingles should be installed, together with all necessary new copper decks and copper flashing. The wrought iron ornament now in place on the ridges of the roof should be removed but not replaced when the new roof is installed.

(3) Woodwork in connection with all windows and exterior doors should be checked and rotted portions removed and replaced with new wood. Window sash, glass and operating equipment should be replaced wherever necessary to provide properly operating windows.

(4) All interior wall paper should be removed and all defective plaster work repaired.

(5) All interior and exterior doors should be refitted and new hardware applied.

(6) All existing paint or stain should be removed from both exterior and interior woodwork and the woodwork should be refinished.

(7) All interior wood floors should be sanded and refinished or else new parquet or plywood floors should be installed over the existing floors.

(8) A complete heating system should be installed in the house. We recommend that either steam or forced hot water be employed for this purpose. In the installation of this system, care should be taken to conceal the pipe runs, and recessed convectors should be used even though it is necessary to cut into existing walls or to install additional furred spaces in order to properly conceal the installation.

(9) A complete electric wiring system and electric fixtures and outlets should be installed. This work should also be concealed by channeling out existing masonry or by providing additional furred spaces.

(10) A complete new system of plumbing, supply and drainage lines should be installed and in this case also, the installation should be concealed in the structure.

(11) The existing kitchen and serving pantry area will require complete renovation and modernization, irrespective of any other interior changes.

(12) Both the exterior and interior of the house should be redecorated complete from the basement to the uppermost habitable story. In this redecorating process, we believe that the main entrance hall on the first floor and the two front rooms adjacent should be redecorated with the same colors and in the same decorative style as was originally used in these areas. Even though the existing wall surfaces in these areas are in poor condition, enough of the original decoration remains to enable a competent decorator to restore the rooms to their original state.

(13) New concrete and other finished flooring material will be required under the entire basement area.

Minimum Remodeling and Additions Required to Make the Building Suitable for Occupancy as the Official Residence of the Governor

In addition to the items referred to in the previous section of this report (Minimum Reconditioning Required to Make Existing Structure Habitable Without Any Structural Changes, Remodeling, or Additions), we recommend that the following remodeling and additions be accomplished:

(1) Remove both the enclosed porch and open veranda at the south side of the building and provide a new addition toward the south near the southeast corner. This addition to have its floor level at the the same level as the basement of the present house. This new addition to provide a room for garden tools and a three car garage at the basement level, a screened porch at the first floor level, and an open airing porch at the second floor level. It would, of course, be possible to provide garage space in a separate building in the southwest corner of the property. We do not recommend it, however, for the following three reasons:

(a) The deed restrictions prohibits the construction of any building over 15 feet high in that area and it would be difficult to adhere to these restrictions with any type of architectural design which would harmonize with the existing structure.

(b) The principal view from the house, particularly during the spring and summer, is toward

(See MANSION, Page 73)

31 BANKING OFFICES

Always At Your Service

***MAIN OFFICE—NATIONAL BANK BUILDING**

***UPTOWN OFFICE**
General Motors Building
A. D. Freydl, *Vice President*
G. W. Cilley, *Asst. Vice Pres.*
A. H. Hupp, *Asst. Vice Pres.*
H. A. Mertens, *Asst. Vice Pres.*
R. H. Burnie, *Asst. Cashier*
L. Leslie Boyd, *Manager*

***BAGLEY-CLIFFORD OFFICE**
L. E. Madden, *Asst. Vice Pres.*
J. M. Reichenbach, *Asst. Cashier*
L. P. Haller, *Manager*

***BUHL BUILDING OFFICE**
R. F. Shepherd, *Asst. Vice President*
A. J. Innes, *Asst. Cashier*
A. E. Stewart, *Manager*

CHENE-MILWAUKEE OFFICE
J. C. Vogl, *Manager*

FORT-JUNCTION OFFICE
D. G. McCracken, *Manager*

***GRAND RIVER-FENKELL OFFICE**
R. G. Fritz, *Manager*

GRAND RIVER-FOURTEENTH OFFICE
F. B. Fitzgerald, *Manager*

GRAND RIVER-JOY ROAD OFFICE
F. T. Millham, *Manager*

***GRAND RIVER-LOTHROP OFFICE**
H. C. Cook, *Manager*

GRAND RIVER-MARK TWAIN OFFICE
E. A. Heaphy, *Manager*

GRATIOT-GRATIOT COURT OFFICE
C. Mazzie, *Manager*

***GRATIOT-GREINER OFFICE**
B. H. Chartier, *Manager*

GRATIOT-MT. ELLIOTT OFFICE
H. W. Pioch, *Manager*

GRATIOT-RIOPELLE OFFICE
S. J. Garbarino, *Manager*

JEFFERSON-BEAUFAIT OFFICE
R. V. Lichtwardt, *Manager*

***JEFFERSON-PHILIP OFFICE**
S. W. Hosking, *Manager*

***JEFFERSON-WEST END OFFICE**
C. E. Beier, *Manager*

KERCHEVAL-McCLELLAN OFFICE
B. B. Clarke, *Manager*

LINWOOD-CLAIRMOUNT OFFICE
T. W. Holtze, *Manager*

***LIVERNOIS-PURITAN OFFICE**
V. C. Gersch, *Asst. Vice Pres.*
R. M. Chisholm, *Manager*

MACK-ST. JEAN OFFICE
F. R. Clark, *Manager*

***McNICHOLS-SORRENTO OFFICE**
L. H. Pickering, *Manager*

MICHIGAN-JUNCTION OFFICE
B. C. Livo, *Manager*

MICHIGAN-NINETEENTH OFFICE
J. M. Hausch, *Manager*

***VAN DYKE-EIGHT MILE ROAD OFFICE**
C. F. Schudlich, *Manager*

VERNOR-SPRINGWELLS OFFICE
A. A. Gruenewald, *Manager*

WARREN-ALTER OFFICE
R. H. Goodwin, *Manager*

WARREN-THIRTY-FIRST OFFICE
T. P. McKernan, *Manager*

***WOODWARD-LAWRENCE OFFICE**
G. A. Boyd, *Manager*

***WOODWARD-PUTNAM OFFICE**
F. B. Robinson, *Manager*

*Office Has Safe Deposit Facilities Provided by SAFE DEPOSIT COMPANY OF DETROIT—Capital stock of which is owned by National Bank of Detroit—LAWRANCE C. TOWNS, *Secretary and General Manager*

400,000 Customers

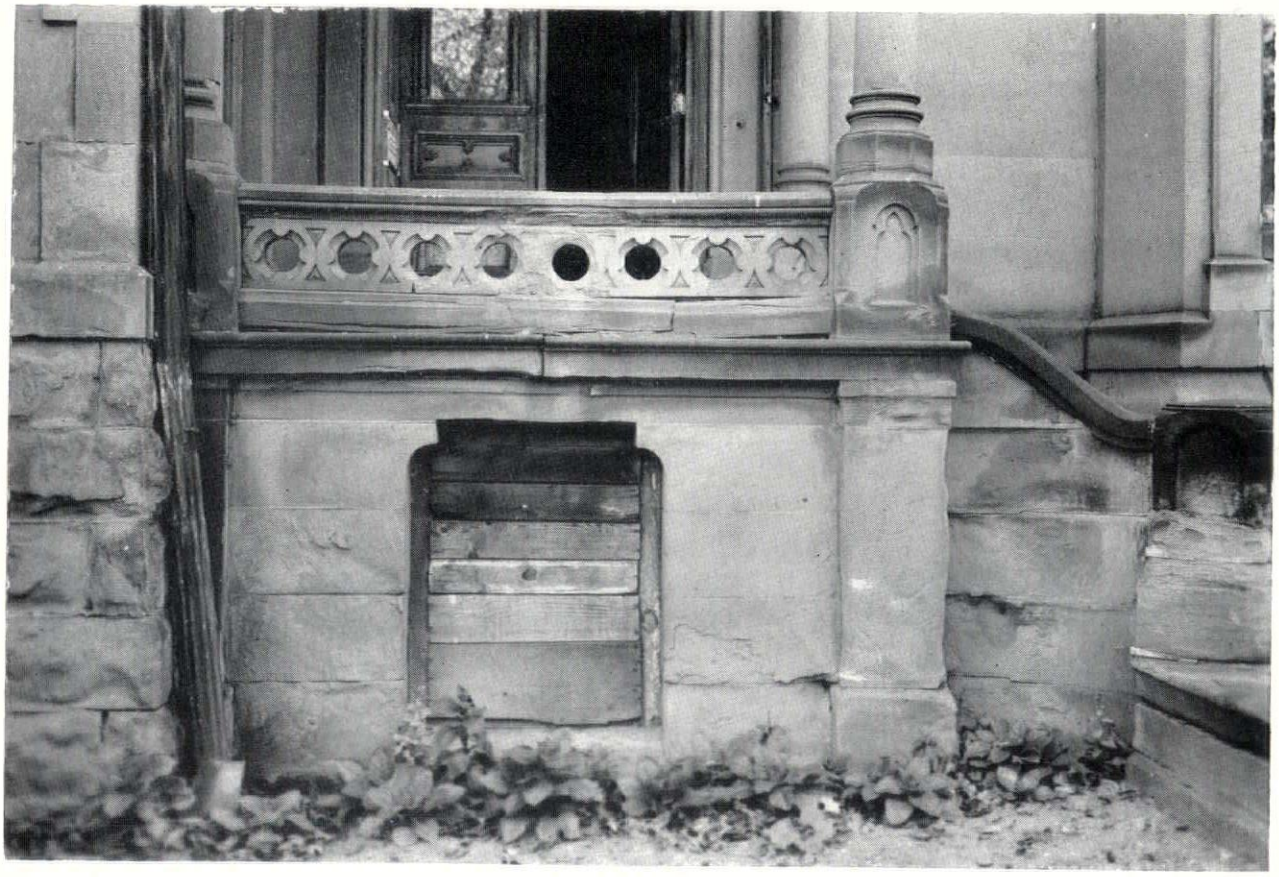
NATIONAL BANK OF DETROIT

Complete Banking and Trust Service

Member Federal Deposit Insurance Corporation

THE BARNES MANSION

View from Capitol Avenue



EAST PORCH

CAdillac 9189

J. Brodie & Son, Inc.

1329 East Fort Street Detroit 7, Michigan

VENTILATION
AIR CONDITIONING
ENGINEERS
CONTRACTORS

IVANHOE 8460

Ace Painting Company

COMMERCIAL AND INDUSTRIAL
SPRAYING OR BRUSHING

10211 Shoemaker Ave. Detroit, Mich.

Wallace Candler, Inc.

COMMERCIAL AND INDUSTRIAL
ROOFING AND SHEET METAL SERVICE

9000 Roselawn
Hogarth 7544 Detroit 4.

TARNOW ELECTRIC SUPPLY CO.

45 E. MILWAUKEE AVENUE
DETROIT 2, MICHIGAN

For Full and Complete Information on the Type and Kind of

NATCO STRUCTURAL CLAY TILE

glazed or unglazed
loadbearing or non-loadbearing
for interior or exterior walls

That will best meet building and other conditions throughout the State of Michigan

Call Madison 2181

or write to us at the addess below

NATIONAL FIREPROOFING CORPORATION

GENERAL OFFICES
PITTSBURGH 12, PA.

DETROIT OFFICE
5737 COMMONWEALTH AVE.

Our Detroit Plant is Located at the Northern Boundary of the Detroit Metropolitan District on Inkster Road, one-half mile South of West Maple Road.

MANSION, from Page 69

the south and southwest in the direction of the Cooley Gardens. It does not seem to us that it would be logical to place a driveway and garage in the line of this view.

(c) A garage attached to the existing structure would be much more convenient to the members of the Governor's family when they drive their own cars.

(2) A small type household passenger elevator should be installed serving the basement, first, second and third floors. The excessive story heights in this structure would make an elevator essential for anyone who might be physically handicapped. It would be particularly necessary if the ballroom on the third floor is used for conferences and other state functions.

(3) In our opinion the minimum remodeling of the basement should include the attached garage and garden tool room referred to in Item (1); the elevator referred to in Item (2); a room for the State Trooper who acts as the Governor's driver; and a coat closet adjacent to the elevator. The other rooms could be left in their present form and converted into use as a servants' dining room, laundry, boiler room, billiard room, children's play room and powder room. Accompanying the report is a preliminary sketch of the basement plan showing these recommended uses.

(4) In our opinion the minimum remodeling necessary on the first floor would include the addition of the screen porch referred to in Item (1); the elevator referred to in Item (2); a large coat closet near the front hall; and a powder room for the use of guests. The balance of the rooms could remain in their present form and converted into use as a parlor, drawing room, library, secretary's room with bath, dining room, serving room and kitchen. Accompanying this report is a preliminary sketch of the first floor plan showing the recommended remodeling.

(5) In our opinion the minimum changes required on the second floor would consist of the addition of the airing porch referred to in Item (1); the elevator referred to in Item (2); and such other interior partitions as would be necessary to provide a master bedroom with private bath adjacent; two family bedrooms, each with private bath; a guest room with private bath; a large linen room; and two maid's rooms with a bathroom nearby. Accompanying this report is a preliminary sketch of the second floor plan showing these recommended changes.

(6) In our opinion the minimum remodeling required on the third floor would consist of the installation of the elevator referred to in Item (2) and the addition of two dormers to provide light and cross ventilation in the corner rooms. The large front room could be used as a conference and party room. Adjacent thereto we have indicated a men's coat room with toilet facilities. Nearby there is also a ladies coat room and toilet facilities. The balance of the third floor would provide two guest bedrooms with a connecting bath and a large servant's bedroom with bath nearby. Accompanying this report is a preliminary sketch of the third floor plan containing these recommended revisions.

Floor Area and Cubic Content of Reconditioned and Remodeled Building

If the building is remodeled in accordance with the floor plan sketches which accompany this report, the building will, upon completion of the remodeling, contain reconditioned and new construction floor areas and cubage in accordance with the following chart:

LOCATION	Reconditioned Portions		New Construction	
	Floor Area	Cubic Content	Floor Area	Cubic Content
Basement	4,443	42,110	1,056	10,560
First Floor	4,420	52,474	1,056	5,280
Second Floor	3,907	44,971	1,056	None
Third Floor	3,150	33,197	50	500
Fourth Floor	None	None	144	None
Fifth Floor	None	None	None	None
TOTALS	15,920	172,752	3,362	16,340
Total (New and Reconditioned) Floor Areas			19,282 Sq. Ft.	
Total (New and Reconditioned) Cubic Content			189,092 Cu. Ft.	

Suggested Development of Driveways And Landscape Features

A suggested site plan is embodied in this report. The site plan indicates proposed new arrangements of driveways required to properly serve the residential and service portions of the building.

The deed to the property provides for a joint driveway at the west property line. In our opinion, the use of this joint driveway should be abandoned because of the unusual amount of traffic which will undoubtedly be making use of the driveways which serve an official residence of the Governor. The proposed site plan, therefore, indicates an entrance driveway approximately 70 feet east of the west property line, and an exit driveway approximately 60 feet west of the east property line. These entrance and exit driveways would be joined together by an elliptical driveway arrangement placed on the axis of the main entrance to the house and in the area between the front of the house and the public sidewalk.

From these main driveways branches would extend along the west side of the house for service to the kitchen area and a branch would extend along the east side of the house for access to the new garage section of the building.

Because of the fact that West Main Street, on which the building is located, is a State Trunk Line, it is not possible to provide any parking for visitors along the street itself. It does not seem wise to provide parking areas on the south of the building for two reasons:

(1) The ground slopes down so rapidly toward the river that to construct a reasonably level parking area of any size would be unduly expensive.

(2) Since the principal views from the house are toward the south, it does not seem wise to put parking areas in locations where they would become a part of the view.

For these reasons, we have indicated parking areas at the east and west sides of the house in the portion of the lot between the front of the house and the public sidewalk. This arrangement of driveways and parking areas will permit official visitors to drive in the entrance driveway and stop at the main entrance where passengers will alight from the car after which the driver can continue around the ellipse to a parking area. Deliveries to the house would come in the entrance driveway and proceed directly south to the kitchen entrance and on leaving would go around the ellipse and out the exit driveway. Members of the Governor's family would come in the entrance driveway and proceed around the ellipse to the driveway leading to the garage area.

The site plan also provides for two pedestrian entrances with a sidewalk around three sides of the center ellipse so that visitors arriving on foot can reach the main entrance easily.

In order to provide privacy, the plan suggests the erection of an ornamental fence along the front boundary of the property. This fence would be pierced by gates necessary to provide the driveway and pedestrian entrance and exits. Planting could be provided inside the fence which would properly screen the parking areas from the balance of the lawn.

If desired, a small guard house could be constructed between the driveway and pedestrian entrance gates as indicated by the dotted lines at that point on the site plan.

Probable Cost of Reconditioning and Remodeling

It is not possible to make an accurate estimate of the probable cost of reconditioning and remodeling indicated by the drawings and descriptions which are embodied in this report. New residential construction of a character required for a Governor's residence

(See MANSION, Page 77)

J. A. Utley Co.

General Contracting

JEROME A. UTLEY, *President*
CHARLES H. RICHERT, *Vice-Pres.*
ARTHUR L. ENDRESS, *Vice-Pres.*
WALTER F. DREYER, *Vice-Pres.*

723 East Ten Mile Road

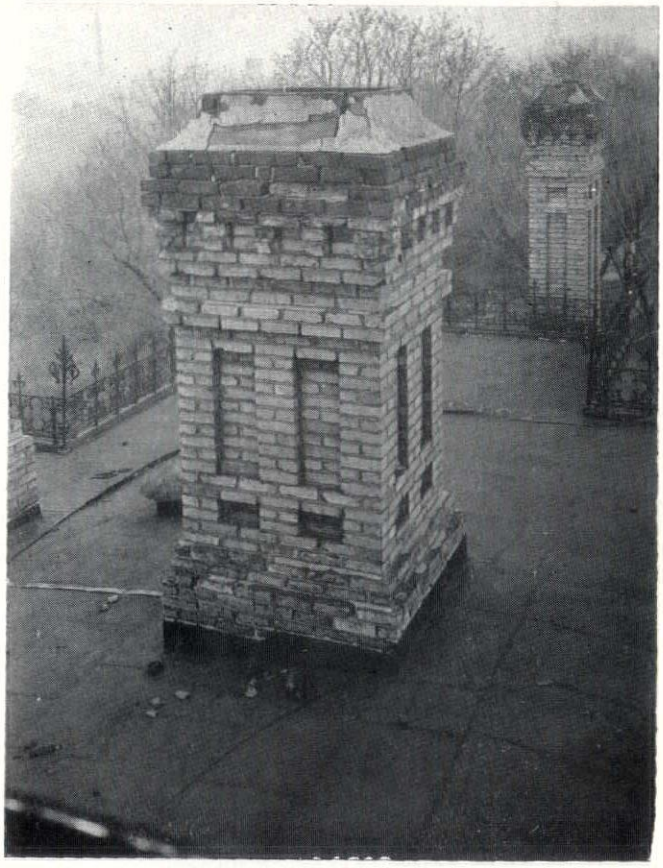
ROYAL OAK, MICHIGAN

RO. 3280 **JOrdan 4-6960**

NORTH PORCH
(Main Entrance)

MAIN ENTRANCE HALL
(Illustrating Original Decorations to be Repainted)

INTERIOR OF CONFERENCE ROOM
(Illustrating Original Decorations to be Repainted)



EXISTING CHIMMNEYS

TURNER ENGINEERING COMPANY

34th Year
Dependable

TEmple 1-0470
464 Brainard Street
DETROIT 1, MICHIGAN

Electrical Construction

MANSION, from Page 73

would probably cost between $1.25 and $1.50 per cu. ft. If the present building is to be used and remodeled, about the only portion which can be reused without alteration is the physical structure itself. The installation of plumbing, heating and electrical work will cost more than a similar installation in a new structure because of the necessity for adapting the installation to the existing masonry walls. The redecorating will cost more than similar work in a new structure because the existing paint and decorations must be removed and the plaster work repaired before any decorating can begin.

In the light of these facts, it would be reasonable to assume that the minimum cost of the work on the structure itself would be approximately 80c per cu. ft. for the reconditioned portions of the house, plus $1.25 per cu. ft. for the additions.

Applying these figures to the cubic content indicated in the tabulation on page 19 of this report would make the probable cost of the building operation as follows:

(1)	172,752 cu. ft. @ $0.80	$138,201.60
(2)	16,340 cu. ft. @ $1.25	20,425.00
	TOTAL	$158,626.60

In addition to the work in the building itself, the project would require the building of sidewalks, driveways and other landscape features indicated on the site plan. At least $10,000 should be included in the budget for this portion of the work.

The furnishing of the interior of the house would also entail considerable expense. The Conference Room, Library and Entrance Hall should be furnished in antiques or antique reproductions in keeping with the architectural style of the house and with the restored painted decorations on the walls and ceilings of these rooms.

Many special electrical fixtures would be necessary since the unusually high ceilings would require a different intensity of illumination than can be obtained through the use of stock domestic type fixtures.

In our opinion, therefore, the very minimum budget which would be required to cover the complete cost of renovating, remodeling and additions to the structure, architects' and engineers' fees, landscaping and furnishings would be $200,000.

Conclusions and Recommendations

It is apparent from the data contained in the various sections of this report that the restoration and remodeling of this building will be an expensive undertaking. Furthermore, the minimum work outlined will leave many unsatisfactory features which can only be corrected by an even more expensive remodeling program.

For example, it has been pointed out that the principal view is toward the south. On the first floor only the dining room, secretary's room, and kitchen have outlooks in that direction. On the second floor only one of the principal bedrooms is located so that this view can be enjoyed. All the other principal rooms on both the first and second floor face toward the main highway with its noise, traffic, and lack of privacy.

Furthermore, there does not appear to be an inexpensive way to provide adequate separation within the building between the portions of the house which should be reserved for the private use of the Governor's family and those which would be used in connection with such official duties as he might wish to perform at home instead of at the executive office in the Capitol. Both the family and official visitors would use the same entrance hall, the same stairways and elevator, and the same corridors on all floors. Whenever official business was being transacted in the house, the privacy of family life would be practically nonexistent.

Although there are eighteen principal rooms on the first, second and third floors, only eight of them have cross ventilation. The relationship between the window areas and floor areas in practically all rooms is smaller than the minimum standard required by the present Housing Code of the State of Michigan and of the Lansing Building Code. It would be very expensive to alter the structure so as to provide additional window area and such a procedure would, in addition, destroy what little architectural character the existing house may have.

The unusually high ceilings will have two adverse effects on both the original cost of the proposed remodeling and upon future maintenance. These factors are:

(1) There will be approximately 25% more wall surface to decorate and redecorate than would be the case if the same floor area was provided in a new building.

(2) The original heating plant must be designed to heat between 25% and 30% more building volume than would be required for the same floor area in a new building. This also means a correspondingly higher operating cost for the heating plant during the entire life of the building.

Because of these facts, the proposed restoration and conversion of the Barnes Mansion cannot be justified financially nor does its architectural merit warrant its preservation as an historic monument. In our opinion, the facilities which normal restoration would provide would be less satisfactory as a residence for the Governor than could be achieved with the same funds in a completely new project.

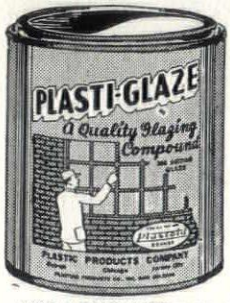
Inasmuch as the site itself is excellent, we recommend that the State endeavor to alter the terms of its agreement with the City of Lansing to permit the demolition of the existing structure and the erection of a new Governor's residence on the same site. Such a building could be planned for construction in successive units. It would be possible to provide a first unit within the funds already appropriated for the project. This first unit would have to consist of relatively modest living quarters for the Governor's immediate family and servants. More extensive living facilities and facilities for the transacting of official business and entertaining could be added later as desired.

The Michigan Society of Architects unanimously agrees with the opinion of most of the citizens of this state that Michigan should provide its governor with an official residence. Such a residence, however, does not need to be grandiose or ostentatious. It should be simple and dignified, inexpensive to maintain, and in addition to providing facilities for official functions, it should provide the Governor's family with the same degree of privacy in family life which they enjoyed in their own home.

We therefore recommend that the site be retained and that plans be drawn for a modest structure which could ultimately be expanded into a truly appropriate Governor's house embodying all the facilities necessary to properly house the Governor's family and to substantially assist him in fulfilling the duties of his office.

JOHN H. FREEMAN
FINISH HARDWARE
Architects Bldg. — Detroit 1
Phone
TEmple 1-6760
Members American Society Architectural Hardware Consultants

PLASTI-GLAZE



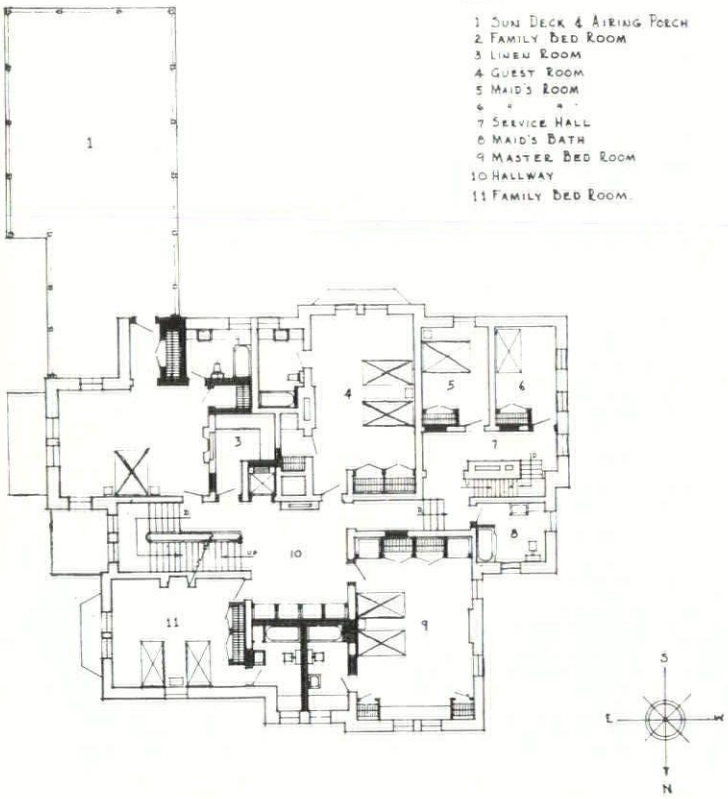
Plasti-Glaze, the Post-War Glazing Compound to specify. Made from bodied oils and special pigments. Weatherometer tests prove that Plasti-Glaze when properly applied and maintained will last as long as the sash. Dries rubbery hard, not rock hard, easy to apply, easy to remove.

FOR LONG LIFE, WEATHER AND AIR-TIGHT GLAZING USE AMERICA'S LEADING GLAZING COMPOUND — PLASTI GLAZE.

PLASTIC PRODUCTS CO. INC.
DETROIT • CHICAGO • JERSEY CITY

KEY TO ROOMS

1 Sun Deck & Airing Porch
2 Family Bed Room
3 Linen Room
4 Guest Room
5 Maid's Room
6 " "
7 Service Hall
8 Maid's Bath
9 Master Bed Room
10 Hallway
11 Family Bed Room

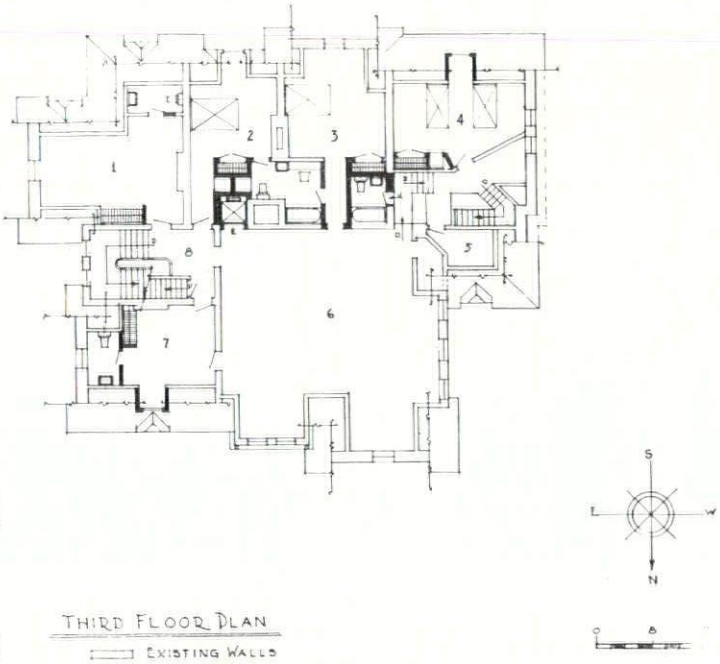


SECOND FLOOR PLAN

Existing Walls
New Walls

KEY TO ROOMS

1 Ladies Coat Room
2 Guest Room
3 Guest Room
4 Servant's Bed Room
5 Luggage Storage
6 Ball Room or Conference Room
7 Men's Coat Room
8 Hallway

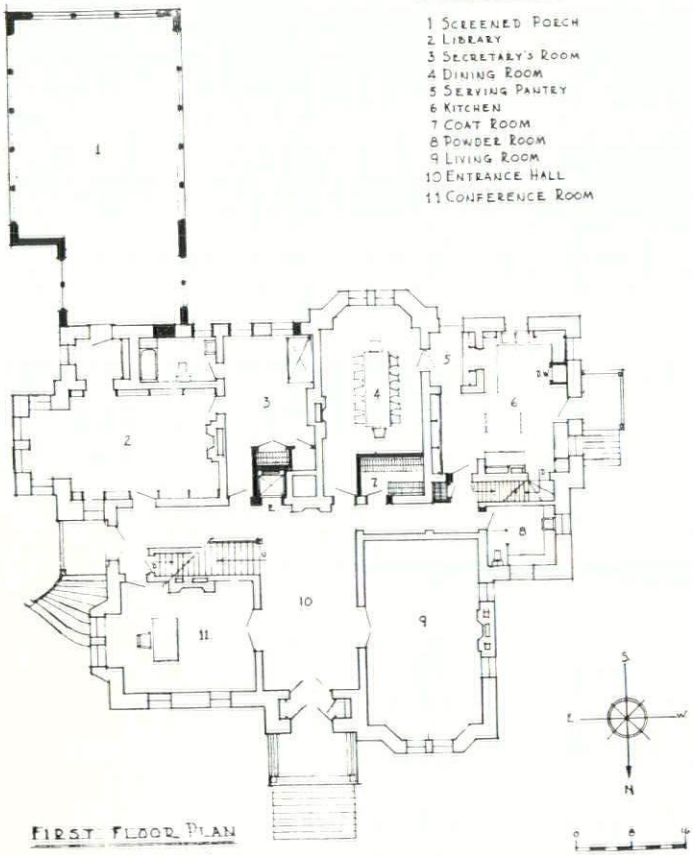


THIRD FLOOR PLAN

Existing Walls
New Walls

KEY TO ROOMS

1 Screened Porch
2 Library
3 Secretary's Room
4 Dining Room
5 Serving Pantry
6 Kitchen
7 Coat Room
8 Powder Room
9 Living Room
10 Entrance Hall
11 Conference Room

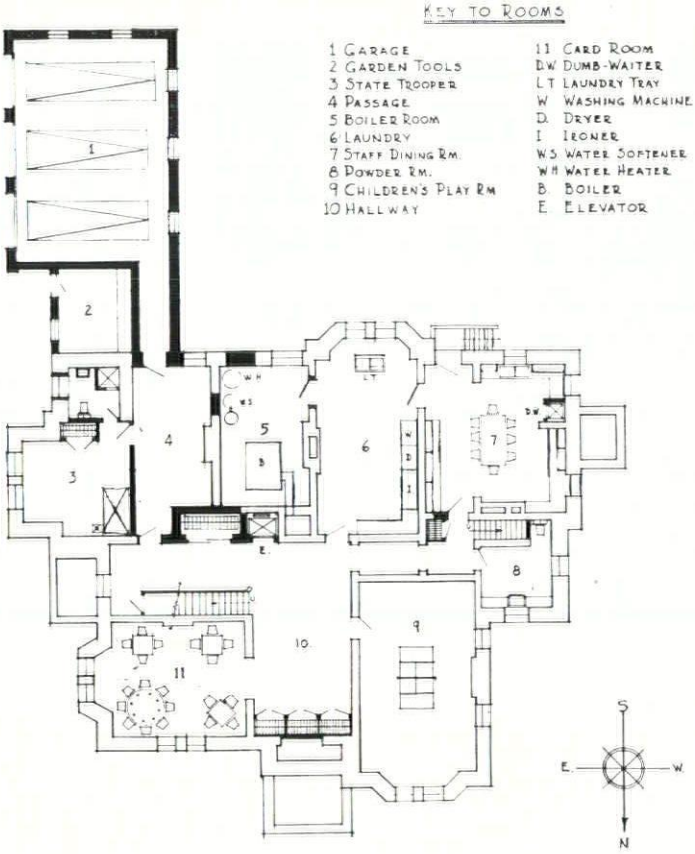


FIRST FLOOR PLAN

Existing Walls
New Walls

KEY TO ROOMS

1 Garage
2 Garden Tools
3 State Trooper
4 Passage
5 Boiler Room
6 Laundry
7 Staff Dining Rm.
8 Powder Rm.
9 Children's Play Rm
10 Hallway
11 Card Room
D.W. Dumb-Waiter
L.T. Laundry Tray
W. Washing Machine
D. Dryer
I. Ironer
W.S. Water Softener
W.H. Water Heater
B. Boiler
E. Elevator

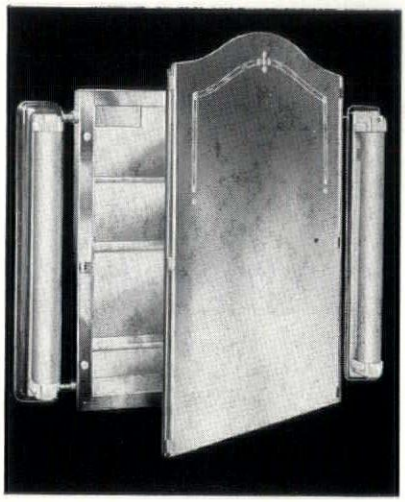


BASEMENT PLAN

Existing Walls
New Walls

CHROME-PLATED FLUORESCENT-LIGHTED CABINET

ADDED TO OUR REGULAR LINE OF MEDICINE CABINETS



This cabinet is chrome-plated throughout, making it rust proof.

Light fixtures are also chrome-plated and all wires are incased.

Cabinet lights should be operated from main bathroom switch as these lights give more than ample illumination and no other lights are required.

Wall opening: 18" x 20".

Polished plate mirror size 20" x 26"

SOLD THRU DEALERS ONLY.

Write for descriptive literature on our complete line of bathroom cabinets.

IDEAL CABINET CORPORATION

DIVISION OF DESLAURIERS COLUMN MOULD CO., INC.

7722 Joy Road HO. 0022 Detroit 4, Michigan

MEIER CUT STONE CO.

Since 1865

FINE BUILDING STONE
for
FINE BUILDING PROJECTS

9664 FRENCH ROAD AT GRATIOT
Detroit 13, Michigan
WALNUT 1-3343

A. W. Kutsche & Co.

Building Construction

A. W. KUTSCHE, President
A. Z. SHMINA, Vice. Pres.

2924 WEST GRAND BLVD.
DETROIT 2, MICHIGAN
TR. 1-8410

Steve Nowak
Pressed Brick Sales

DEALER IN

PRESSED BRICK, SALT GLAZE, VITRA-CREAM, CEREMAC CREAM STIPPLE, EYEREST, JADE GREEN AND BLACK TILES

3 WEEKS DELIVERY

12710 Gratiot Ave. Detroit 5, Mich.
AR. 2353

BEAUTIFUL INTERIORS
are created with wall paper

We have a competent staff, willing to show you the best in style and color, the leading Wall Paper Manufacturers of the country offer.

Let Us Help You
"Ask Your Decorator"

Fisher Wall Paper and Paint Co.
are Michigan's largest wall paper distributors
6 LOCAL BRANCHES IN DETROIT

F. H. MARTIN CONSTRUCTION CO.
CAdillac 4890
955 E Jefferson Ave Detroit, Michigan

GLANZ & KILLIAN CO.
CONTRACTORS
PLUMBING — HEATING — VENTILATING
FIRE PROTECTION SPRINKLER SYSTEMS
1761 West Forest Avenue TEmple 1-7820

Fire-Resistive Vault Doors
Complete Bank Vault Equipment
Cycle-Billing and Rekordesks
Cardineers • V-Line Trays
Steel Storage Files

Diebold
INCORPORATED
4105 Cass Ave. Detroit 1
TEmple 3-4477 — 4478

• SHEET METAL
• VENTILATING
• AIR CONDITIONING

DEN BRAVEN ESTABLISHED 1912

HOgarth 7494
M. DEN BRAVEN CO.
9080 ALPINE AVENUE
DETROIT 4, MICHIGAN

DUNN BLUE PRINT CO.

"Specialized Services for Architects"

Main Office
5920 SECOND AVE.
MAdison 2125

Eastside Branch
17110 BRADFORD AVE.
VEnice 9-3900

Westside Branch
16557 JAS. COUZENS HWY.
UNiversity 1-5512

QUICK SERVICE
Specifications
Strictly Quality Work
ONE DAY SERVICE

on mimeographing your stencils for specifications—we'll supply all materials—you cut stencils and proof—we pick up, reproduce and deliver next day.

Get our rates based on any quantities.

If you wish, we will also type and proof your stencils.

Campbell Letter Shop
CAdillac 1344

PPG ★

★ *Stands for quality*

PAINTS
GLASS

IN HOMES • OFFICES
FACTORIES • INSTITUTIONS
SCHOOLS • STORES

PAINTS • GLASS • CHEMICALS • BRUSHES • PLASTICS

PITTSBURGH PLATE GLASS CO.

DETROIT
KALAMAZOO

GRAND RAPIDS
JACKSON
MUSKEGON

SAGINAW
ANN ARBOR

THE 1949 ARCHITECTS SHOW

Detroit Institute of Arts, February 15 to March 6

On the following pages are shown views of the Architects Show being held at The Detroit Institute of Arts, in the North Gallery. For the most part, these pictures were taken while the Show was being assembled. Earl W. Pellerin is Chairman of the Show Committee, and a complete list of personnel he enlisted on committees is given elsewhere in this issue.

Above is shown a group of members and guests of the Detroit Chapter of The American Institute of Architects, who on January 21 were privileged to view the final model for Detroit's proposed Civic Center, as prepared by Saarinen Saarinen and Associates, under the direction of Mr. Eliel Saarinen, Consultant to the Detroit City Plan Commission. The model forms an important part of the Show.

Photographs are by John S. Coburn, unless otherwise credited

AUSTIN'S PAINTERS

Always On the Job
For Better Service Anywhere in Michigan

Painters - - - Decorators
Resilient Flooring
Contractors

Linoleum . . Asphalt . . Cork . . Rubber

INDUSTRIAL
COMMERCIAL
RESIDENTIAL

FOR FORTY YEARS WE HAVE BEEN DOING THE LARGER AND BETTER JOBS ALL OVER THE STATE OF MICHIGAN

——Offices——

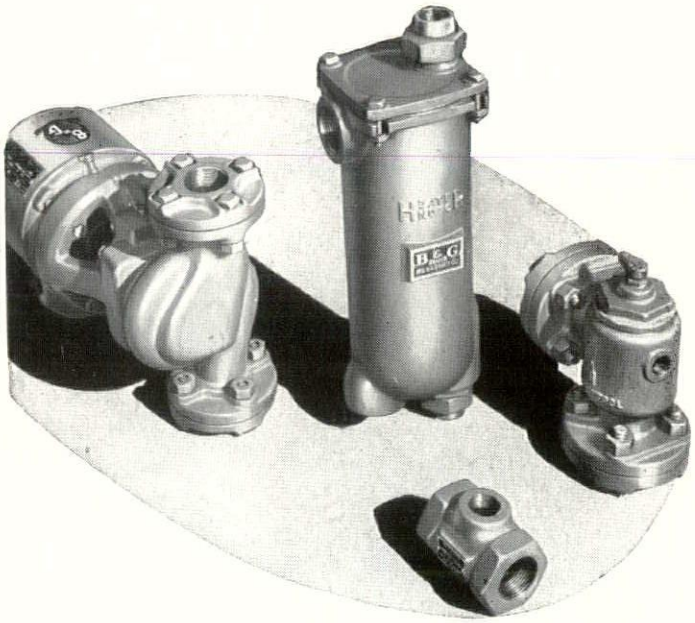
DETROIT
4628 St. Aubin Ave.

FLINT
1534 North Saginaw Street

1949 ARCHITECTS SHOW

(Continued)

A group of Architects begin to build the background for the Show.



The Preferred Heating System

Forced hot water heating for homes, apartments, institutions and industrial buildings . . . best for radiator, baseboard, convector and radiant panel systems.

B&G

Hydro-Flo* **HEATING**

DISTRIBUTED THROUGH ALL LEADING PLUMBING & HEATING SUPPLY JOBBERS

R. L. DEPPMANN CO.

DISTRIBUTORS

DETROIT GRAND RAPIDS

*REG. U. S. PAT. OFF.

BRUNY BROTHERS,

INCORPORATED

Tile and Terrazzo Contractors

TYler 6-6019

4758 GRAND RIVER
DETROIT 8, MICH.

WESTOVER-KAMM COMPANY

ARCHITECTURAL WOODWORK
SASH, DOORS, LUMBER
SECTIONAL OFFICE PARTITIONS

● SUPERIOR ●
MATERIAL — WORKMANSHIP — SERVICE

Office & Factory Center & Livingston Aves.

BAY CITY, MICHIGAN
PHONE: BAY CITY 3-6558

Allied Steel & Conveyors, Inc.

DESIGNERS - FABRICATORS - ERECTORS

Miscellaneous Iron

Light Structural Steel

Material Handling Systems

TWINBROOK 2-3040

17333 HEALY AVE. DETROIT 12, MICH.

1949 ARCHITECTS SHOW

(Continued)

Screens are provided on which to hang the drawings, material is unpacked and assembled.

HALL ENGINEERING COMPANY

Electrical Contractors

DETROIT 2, MICHIGAN

Hall Electric Ltd. — Security Building — Windsor, Canada

Commending

The Michigan Society of Architects

Ready to serve you with:

SCHOOL FURNITURE
WINDOW SHADES
PLAYGROUND EQUIPMENT

McFADDEN CORPORATION

619 E. HAZEL ST.
LANSING, MICHIGAN
PHONE: LANSING 2-1105

THE TRANE COMPANY

offers the most complete line of heating, cooling and air conditioning equipment available.

Trane recommends to the public — "Buy air conditioning through your architect, engineer and heating contractor!"

THE TRANE COMPANY

La CROSSE, WISCONSIN

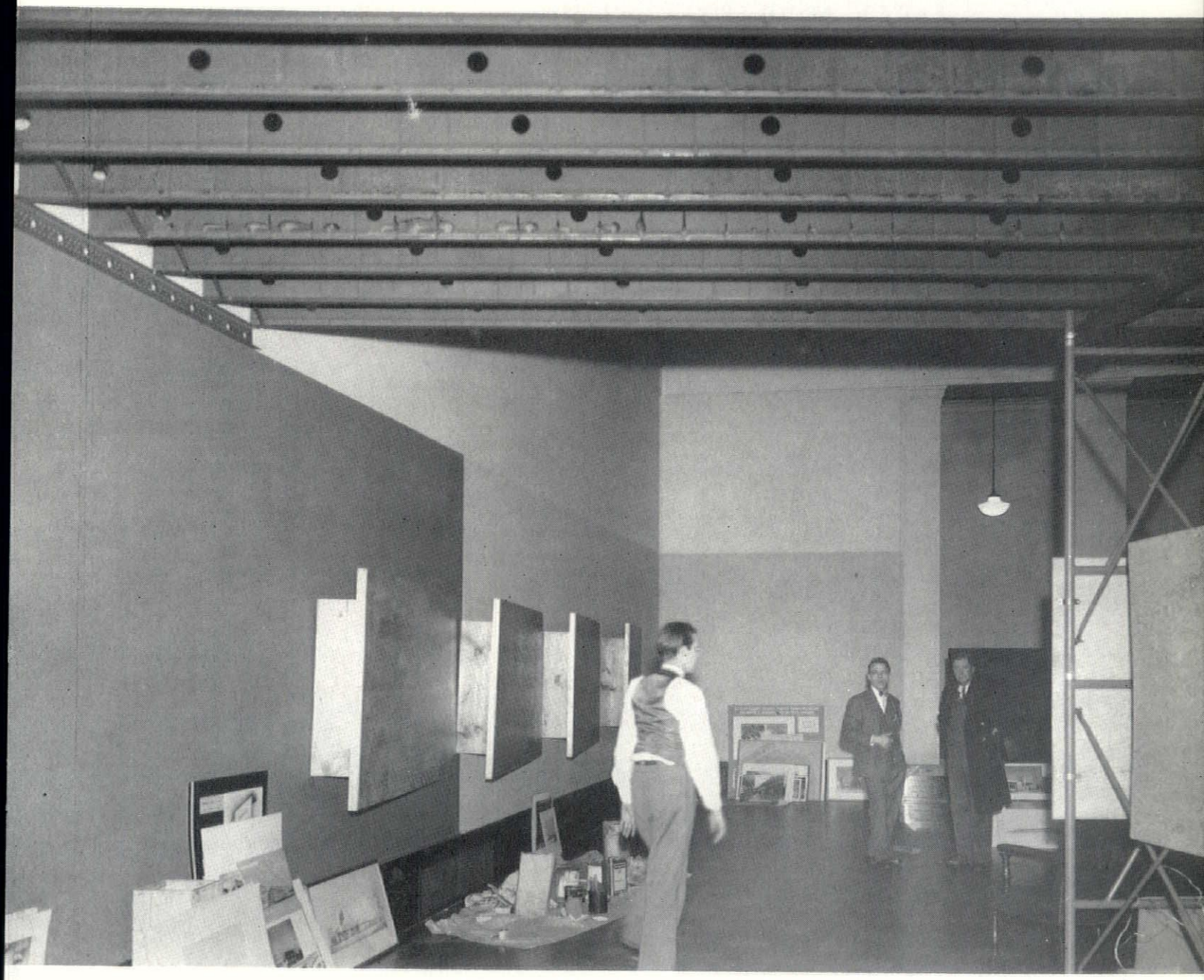
In Flint:
213 Mary Street
Phone: 9-3141, 9-3142

In Grand Rapids:
552-554 Michigan Trust Bldg.
Phone: 8-6008

In Detroit:
426 McKerchey Bldg.
2631 Woodward Avenue
Phone: CAdillac 5905

1949 ARCHITECTS SHOW

(Continued)



Considerable framework is necessary as well as a complete paint job--Harry Morris in shirt sleeves.

J. C. LITTLE COMPANY

GENERAL CONTRACTORS

INDUSTRIAL

INSTITUTIONAL

COMMERCIAL

CONSTRUCTION

38½ East Michigan Ave.
Ypsilanti, Mich.
Phone: Ypsilanti 4462

302 East Henry St.
Saline, Mich.
Phone: Saline 249

James A. Moynes & Co.

19640 CHARLESTON
DETROIT 3, MICHIGAN

Manufacture and Installation of Fine Woodwork

DETROIT BRICK MANUFACTURERS ASSOCIATION

HAGGERTY BRICK CO.
10450 Ford Road DEARBORN, MICH.

DANIEL BRICK CO.
6770 Monroe Ave. Taylor Township, Mich.

JOHN A. MERCIER BRICK CO.
3895 Roulo Avenue DEARBORN, MICH.

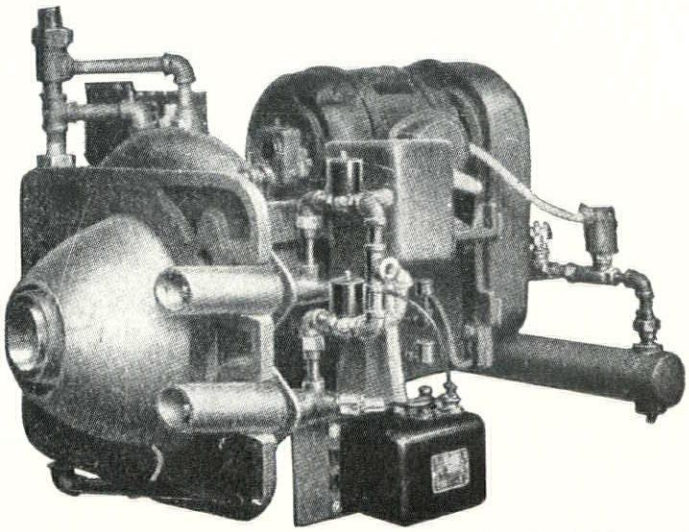
CLIPPERT BRICK CO.
Wyoming & Southern Avenue, DEARBORN, MICH.

"One Responsibility—Burners and Fuel Oil"

"An Oil Burner for Every Purpose"

is proven by the following list of prominent users of Enterprise Rotary Heavy Oil Burners capable of burning heaviest fuel oils.

Bosch Brewery Co.	Houghton
Caro State Hospital	Wahamega
Central Specialties, Inc.	Ypsilanti
Church of Resurrection	Lansing
Composite Forgings, Inc.	Detroit
Detroit Creamery Co.	Flint
Detroit Packing Co.	Detroit
Detroit Public Schools	Detroit
Fitzgerald High School	Warren Township
Gelatin Products Co.	Detroit
Goebel Brewing Co.	Muskegon
Greene Cleaners & Dyers	Ann Arbor
Harper Theatre	Detroit
Jennings Hospital	Detroit
Marvel Schebler Carbureter Co.	Flint
Our Lady of Mercy High School	Detroit
Presentation Parochial School	Detroit
River Terrace Apartments	Detroit
St. David's Church	Detroit
Stroh Brewery Co.	Detroit
U.S. Naval Air Base	Grosse Ile



Approved by Underwriters' Laboratories

ESTABLISHED 1928

ENTERPRISE HEAT & POWER COMPANY

Distributors of Michigan Fuel Oils, Industrial and Domestic Oil Burning Equipment

9127 Conant Avenue TRinity 3-1100 Detroit 12, Michigan

1949 ARCHITECTS SHOW

(Continued)

Models begin to take their places, then renderings will be hung.

ROHN FIREPROOFING COMPANY

3000 GRAND RIVER AVENUE, DETROIT 1, MICHIGAN

COMPLETE ESTIMATING AND ERECTION SERVICES OF
POURED AND PRECAST GYPSUM ROOF DECKS
AND ZONOLITE ROOF INSULATION

All Types of Masonry Partitions

TEmple 1-6122

SMITH-ORR COMPANY

14351 WEST WARREN

LUzon 1-0700 **Dearborn, Mich.**

Wholesale Distributor of

LUMBER **ROOFING**
MILLWORK **INSULATION**
ALUMINUM 5-V CRIMP &
CORRUGATED SHEETS
TRI-RIB STEEL ROOF DECKING
"REYNOLDS" ALUMINUM
CASEMENT WINDOWS

Distributor for
Reynolds Metals Co.

FIRESIDE PRINTING
AND PUBLISHING CO.

Detroit

Publication Specialists

Lorne
PLUMBING & HEATING CO. INC

PLUMBING
HEATING

VENTILATING
POWER PIPING

ENGINEERS & CONTRACTORS

641 CONGRESS ST. W.
DETROIT MICH.

1949 ARCHITECTS SHOW

(Continued)

Jim Hughes, Vic Basso, Earl Pellerin and Henry Stanton confer on a matter of policy.

KRIEGHOFF
LENAWEE
COMPANY

BUILDERS

SERVING SOUTHERN MICHIGAN

409 NAT'L BANK BLDG.

ADRIAN, MICHIGAN

EDWIN KRIEGHOFF
PRESIDENT

NED KRIEGHOFF
VICE-PRES. & GEN. MGR.

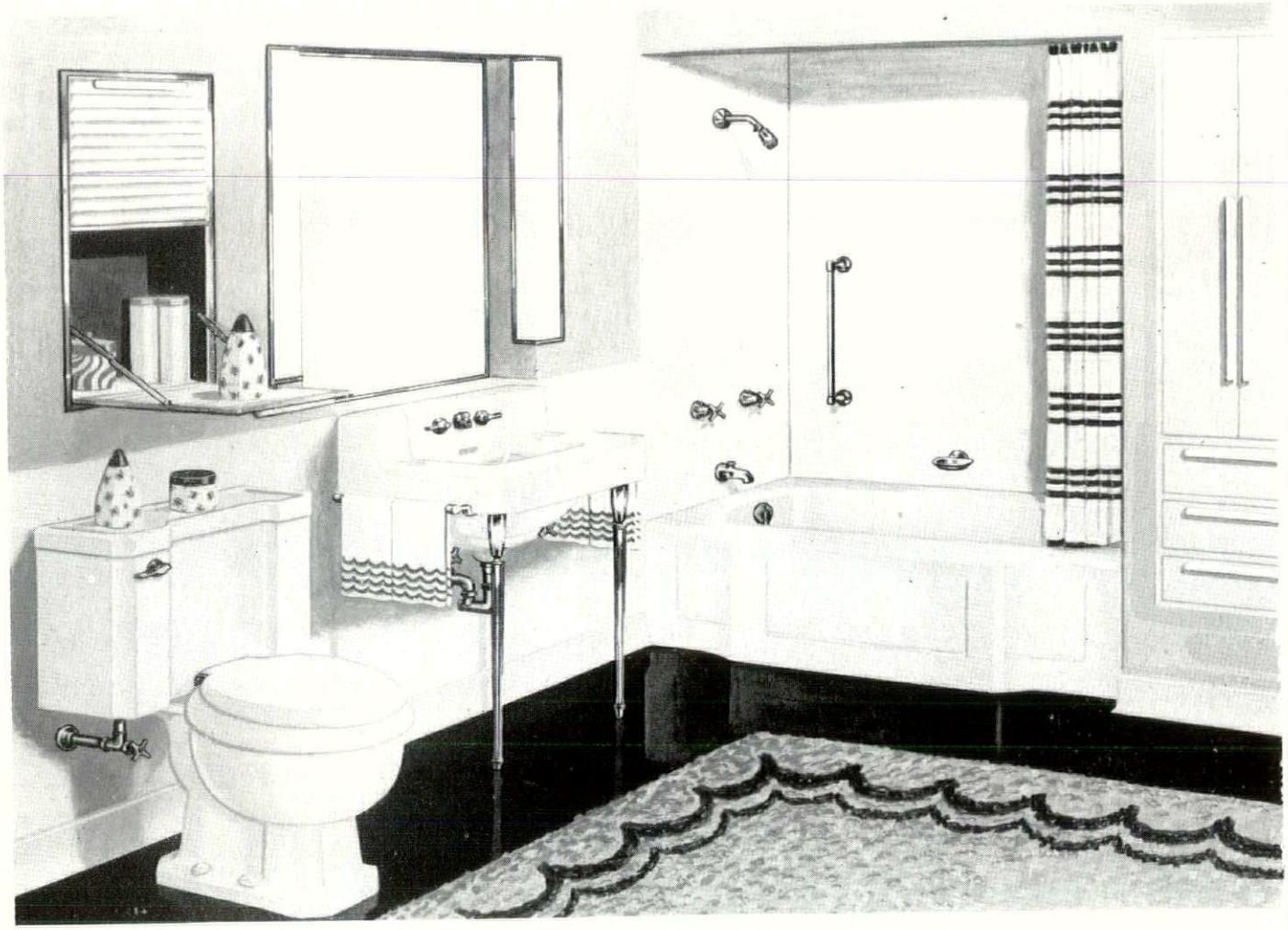
CHARLES E. HIKES
SEC'TY & TREAS.

1949 ARCHITECTS SHOW

(Continued)

Distinguishing feature of the Show is the Saarinen's final model of Detroit's Proposed Civic Center.

Mr. Eliel Saarinen was commissioned by the Detroit City Plan Commission, as Consultant, nearly two years ago. This was on recommendation of the Detroit Chapter, A.I.A., Committee to Cooperate with the City Plan Commission.



Nelson-Selected MATCHED-SETS OF PLUMBING FIXTURES

In the same basic design provide

UNITY OF ARRANGEMENT AND FLEXIBILITY IN DECORATION

that create

Bath Rooms of Charm and Beauty

Perhaps no room in the home brings greater appreciation to the owner than a well arranged bath room.

Nelson Company, through its long years of experience in the plumbing field, has acquired an understanding of Bath Room Planning that enables us to help you design bath rooms of beauty and quality.

Nelson Company invites you to make use of their display rooms.

Nelson Company

Wholesalers of Better Plumbing and Heating Products

2604 FOURTH AVENUE

DETROIT, MICHIGAN

BRANCHES: NORTHWEST DETROIT - GROSSE POINTE - ROYAL OAK - ANN ARBOR

1949 ARCHITECTS SHOW

(Continued)

Messrs. Eliel and Eero Saarinen view their model of Detroit's proposed Civic Center.

GOOD FOR A LIFETIME!

GLASIRON

ARCHITECTURAL PORCELAIN ENAMEL

- Store Fronts
- Awning Hoods
- Markee Faces
- Roofing
- Copings
- Signs

Wolverine Porcelain Enameling Co.

3350 Scotten Avenue Detroit—10

CHRYSLER AIRTEMP

VE. 9-1850

CHARLES R. **BELTZ** & COMPANY

DEPENDABLE

Heating - Cooling and Air Conditioning

Trion Electric Air Filters

11029 WHITTIER DETROIT 24

"So That's How You Do It!"

In the past 26 years, how many times have you said this to a **HARTY** representative when he told you the **HARTY** way of doing it?

When you want to know the latest and best ways of doing a door job, call TOwnsend 8-6990, and we will get a man out to show you the **HARTY** way.

Where Dependability Is Paramount, Specify Harty Doors

R. V. HARTY COMPANY,

INCORPORATED

1433 SLOMAN AVENUE

DETROIT 11, MICHIGAN

TOwnsend 8-6990

- Moving
- Shoring
- Raising
- Foundations
- Underpinning
- Caissons
- Plant Relocation

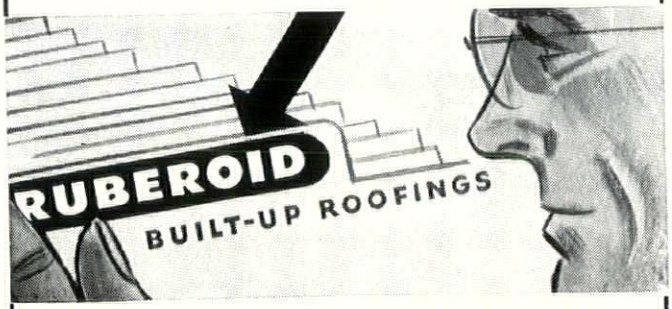
Write for our free booklet illustrating many unusual services which we offer

DETROIT UNDERPINNING CO.

Office: 4181 Oakman
Tel. HOgarth 4740-1

Main Yard: Central Avenue
½ Block South of Chicago Blvd.
Detroit, Michigan

The RIGHT roof for any job—from ONE source!



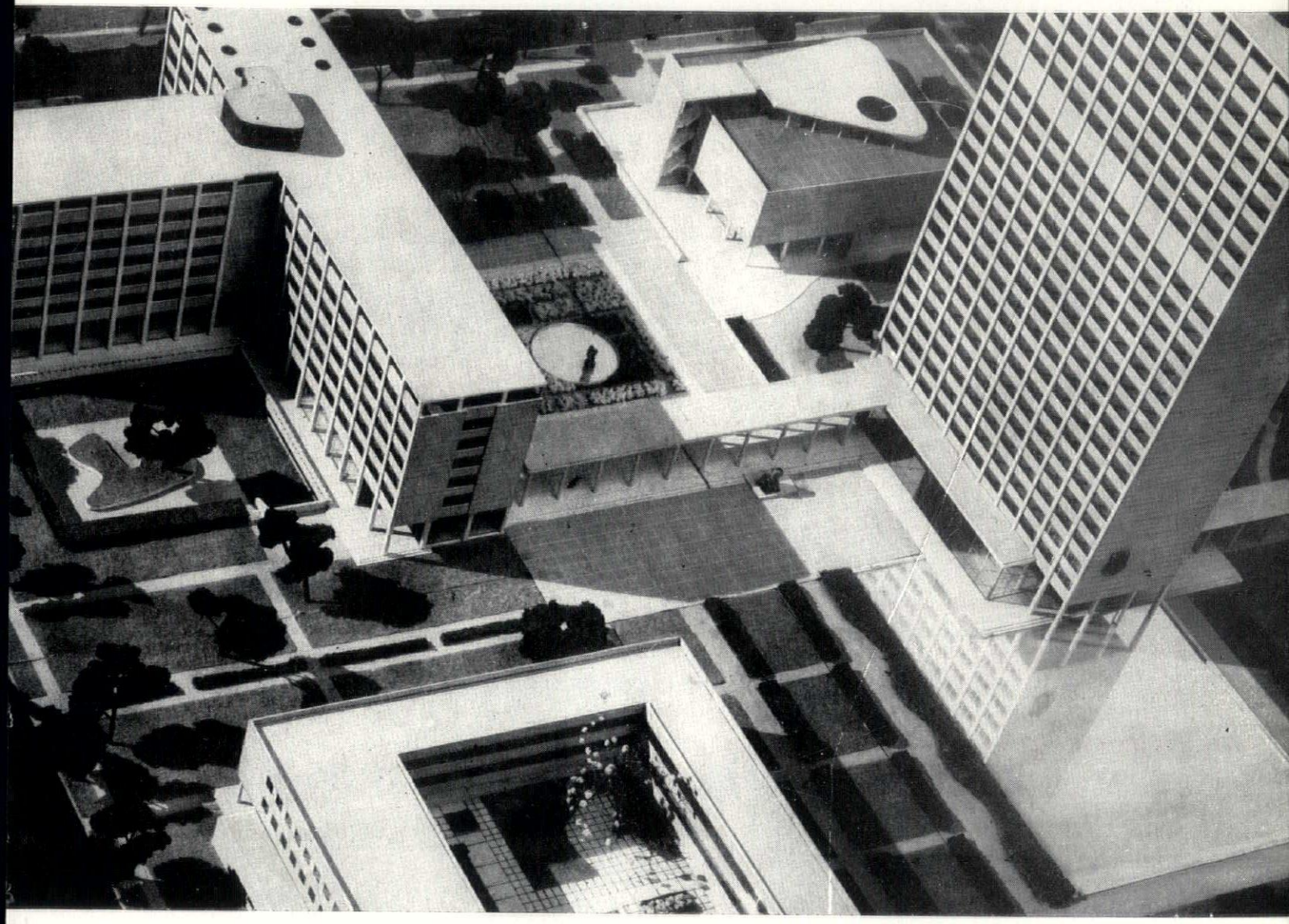
Remember that Ruberoid makes every type of built-up roof—Smooth Surfaced Asbestos, Coal Tar Pitch with gravel or slag surfacing, or smooth or gravel-and-slag surfaced Asphalt—in specifications to meet any need. Hence a Ruberoid Approved Roofer is not prejudiced in favor of any one type. This gives you one source for all materials, centralized responsibility, smoother operation, uniform quality!

The RUBEROID Co.

Executive Offices: 500 Fifth Ave., New York 18, N.Y.
307 No. Michigan Avenue, Chicago 1, Ill.
Room 2937, Book Building, Detroit 26, Mich.

1949 ARCHITECTS SHOW

(Continued)



DETAIL OF PROPOSED STATE CAPITOL DEVELOPMENT, LANSING, MICHIGAN

Smith, Hinchman and Grylls, Inc., Architects and Engineers

Heddrick-Blessing, Ltd. Photo

The Show was opened by Edgar Kaufmann, Jr., Director of the Department of Industrial Design, Museum of Modern Art, in New York, when he gave a lecture at The Detroit Institute of Arts on February 16.

Michigan Architects

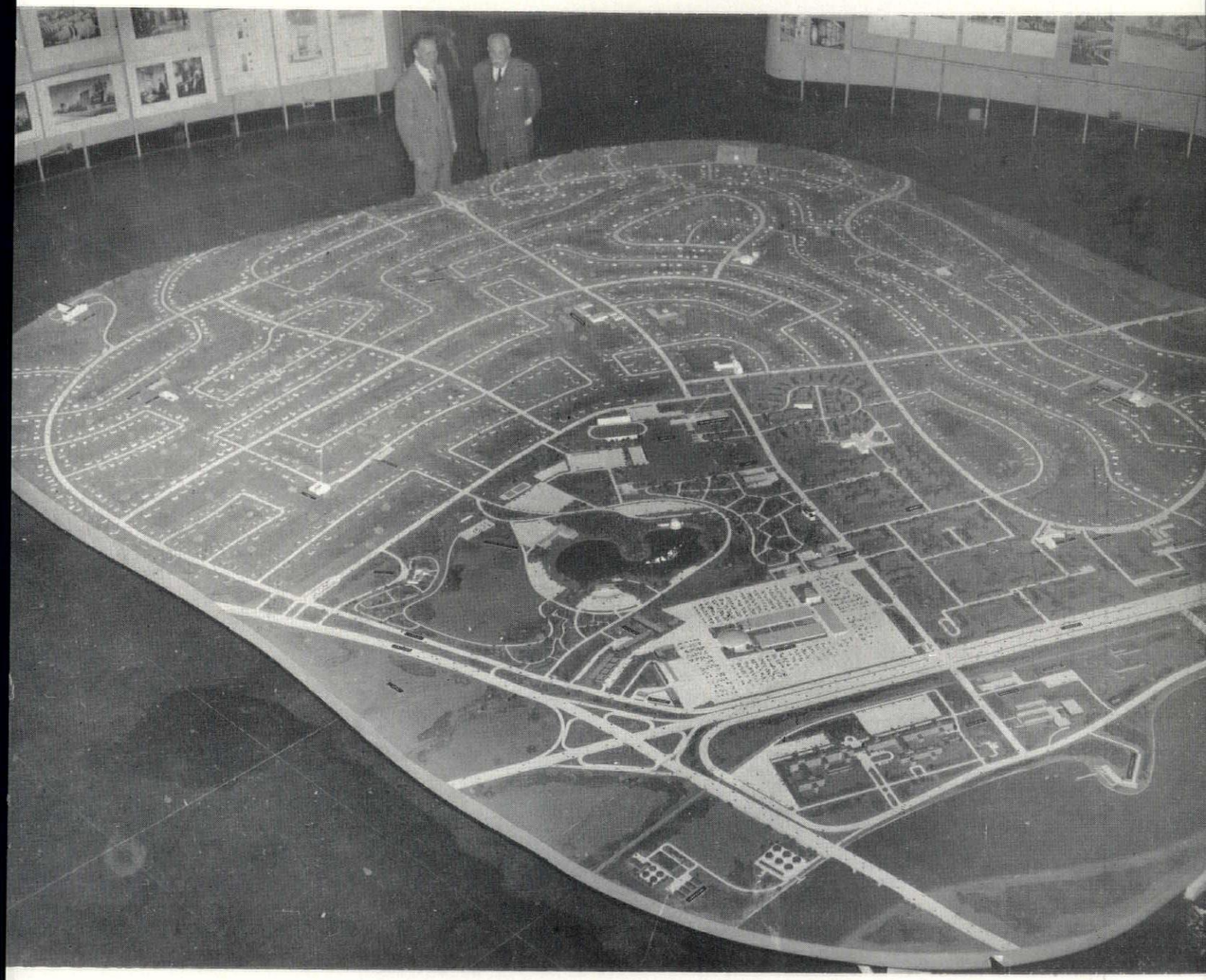
We have been privileged to be associated with you in many of your triumphs.

Our Aim is to be associated with you in the shaping of a new skyline for the Greatest Place on Earth!

HARLAN ELECTRIC CO.

1949 ARCHITECTS SHOW

(Continued)



"TOMORROW'S TOWN," Model of a hypothetical ideal community, is shown in its incompleted state.

This could well be the beginning of an annual architects show. Why not have it include exhibits of building materials?

A NEW BRICK!

UNIFORM IN QUALITY... SIZE... AND STRENGTH

"CHEM-BRICK"

Made in Detroit — Every "CHEM-BRICK" Meets A.S.T.M. Grade SW Specifications For First Quality Brick!

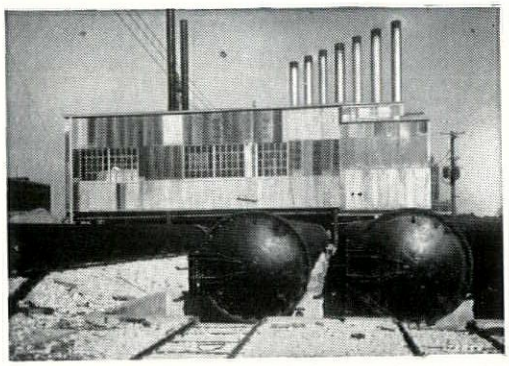
Builders can profit by using "Chem-Brick" . . . the new chemically made brick which surpasses the A.S.T.M. requirements for Grade SW (first quality) brick . . . yet now sells for only $30.00 per thousand, delivered at the curb anywhere in Detroit, Michigan.

An ALL-PURPOSE brick, "Chem-Brick" is ideal for residential and commercial building, partitions and walls . . . for dependable chimney and back-up. Uniform size, smooth texture and square edges make possible lower laying costs . . . permit real economy in construction without sacrificing quality.

Pittsburgh Testing Laboratory reports prove that "Chem-Brick" surpasses the SW requirements, making it ideal for exterior use. "Chem-Brick's" low absorption and small capillary draw mean dry walls and immunity from damage through freezing and thawing.

You may have samples of "Chem-Brick" on request. You will be pleased with its smart appearance, exact, uniform size and hard, dense texture.

Please write us for more details.



"CHEM-BRICK" MADE IN DETROIT
This most modern plant in the brick industry is located at the foot of St. Jean Avenue.

***MANUFACTURED BY* DETROIT BRICK & BLOCK CO.**

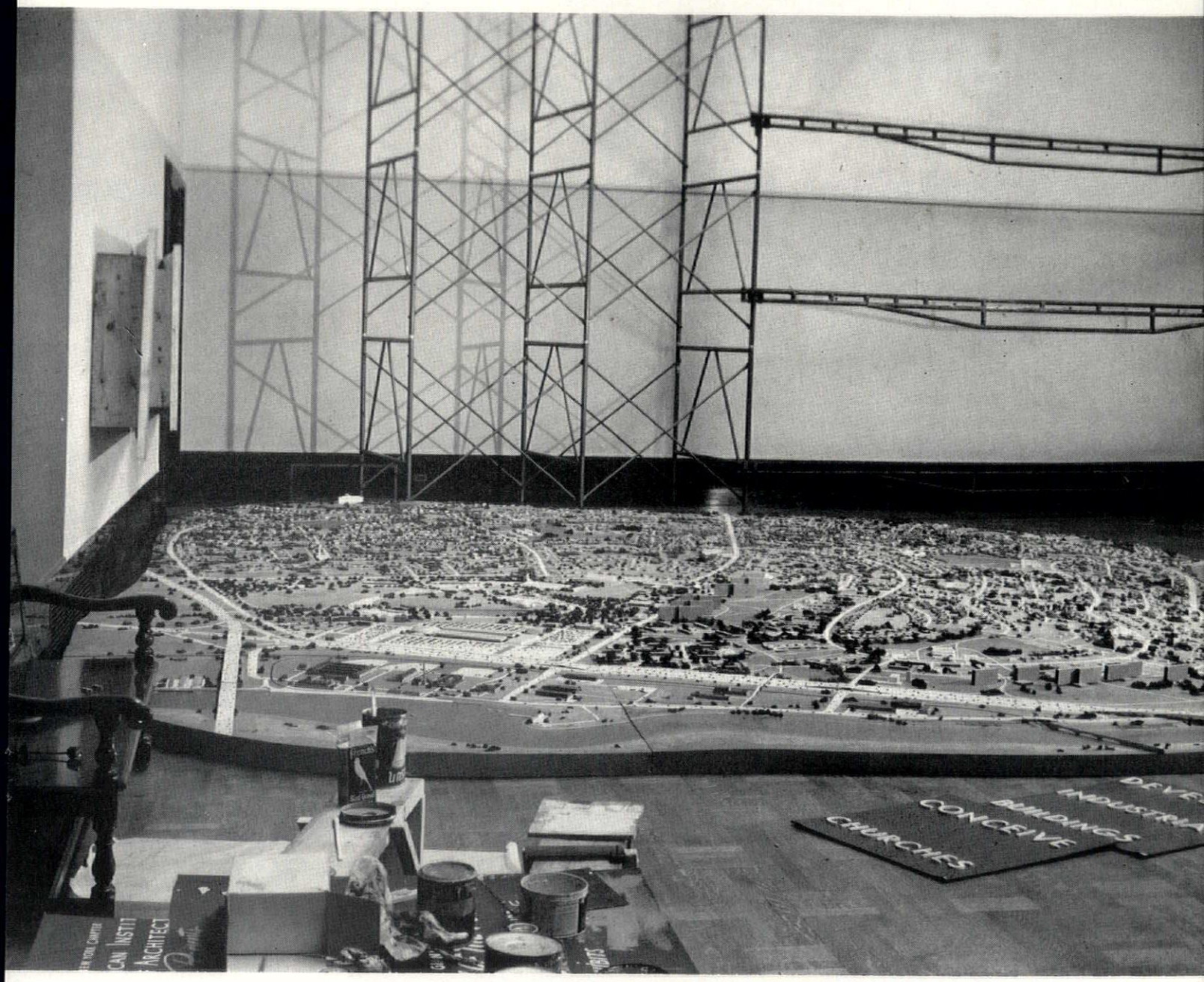
DISTRIBUTED BY

FREDERIC B. STEVENS INC.

1800 18TH ST. DETROIT, MICHIGAN TASHMOO 5-0725

1949 ARCHITECTS SHOW

(Continued)



Landscaping, buildings and other features are being added while the model is on the floor.

KRIEGHOFF COMPANY

GENERAL BUILDERS

Est. 1909

INSTITUTIONAL
INDUSTRIAL
COMMERCIAL

6661 FRENCH ROAD
DETROIT 13, MICHIGAN

1949 ARCHITECTS SHOW

(Continued)

Completed, the model is assembled in sections, ready to be erected.

Response on the part of architects' offices throughout the state was most encouraging. Enough material was left over for another show.

AIR-MAZE

SPECIALISTS IN AIR FILTRATION—In the past 25 years Air-Maze engineers have designed not one, but many types of filters to meet your specific air filtration problems. Each type is ENGINEERED to provide maximum performance under the particular condition for which it is sold.

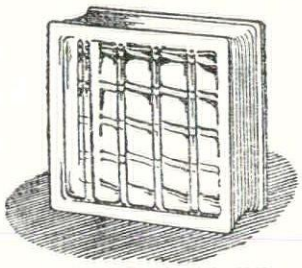
Whether your filter need is for ventilation, grease collection, engines, compressors, or blowers, check with your Air-Maze Representative FIRST. It is a precaution that costs you nothing and may save you much.

DISTRIBUTED BY

FILTER ENGINEERING & SALES CO.

11340 E. McNICHOLS ROAD
DETROIT 5, MICHIGAN
LA. 7-7100

PANEL FILTERS CLEANED AND RECHARGED TO THEIR ORIGINAL EFFICIENCY



ALL MEMBERS OF

MICHIGAN SOCIETY OF ARCHITECTS

ATTENDING THE CONVENTION
ARE CORDIALLY INVITED TO ATTEND A
PREVIEW SHOWING
OF A MOTION PICTURE ENTITLED:

"MORTAR & GLASS IN WALLS OF DAYLIGHT"

This actual picture of the installation of glass block panel in walls of daylight will be shown CONTINUOUSLY MARCH 3 & 4 in the suite occupied by the

AMERICAN STRUCTURAL PRODUCTS CO.

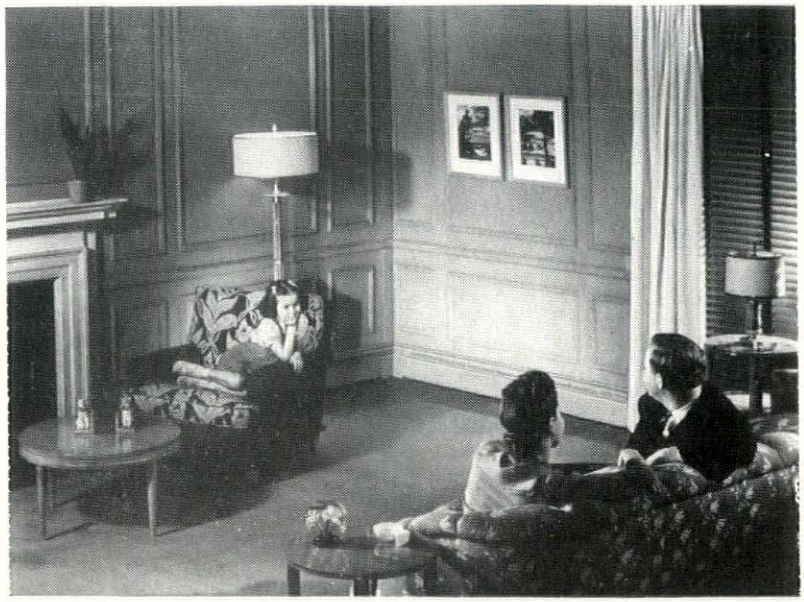
(SUBSIDIARY OF OWENS-ILLINOIS GLASS CO.)
AND

CADILLAC GLASS CO., of DETROIT

Please check BULLETIN BOARD IN LOBBY for suite number. Your 1949 edition of the INSULUX GLASS BLOCK CATALOG will be available at the suite.

Architects and Owners Say:

"THE WORLD'S FINEST HEATING!"



with U.S. RADIANT Baseboards

More comfort — No drafts — More usable floor space — Attractive — Saves weight and installation costs — No change required in building construction methods.

Now, new or old homes, institutions and commercial buildings, can enjoy delightful, radiant heating with new U. S. Comfort Ray Radiant Baseboards. The comfort condition is ideal. We'll gladly send you data and dimensions.

UNITED STATES RADIATOR CORPORATION
FOR 58 YEARS A GREAT NAME IN HEATING

Detroit Branch—R. K. Milward, Manager

127 N. CAMPBELL AVENUE VINEWOOD 1-2203

1949 ARCHITECTS SHOW

(Continued)

The process of reassembling in a vertical position against a wall. This arrangement conserves much valuable space, permits a better view of the whole conception.

BELDEN FACE BRICK

SINCE 1885

STARK GLAZED TILE *P. C. GLASS BLOCK*

• ACID BRICK • FIRE BRICK • FLOOR BRICK • QUARRY TILE
• GLASS BLOCK VENTILATORS

THE BELDEN-STARK BRICK CO.

14305 Livernois *"Michigan's Foremost Brick Company"* WE. 3-1331-2

STIBBARD
CONSTRUCTION COMPANY

GENERAL CONTRACTORS

THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA · A G C · REG. U. S. PAT. OFF.

CONSTRUCTION ENGINEERS

TEmple 1-8020

3000 Grand River Detroit

America's Leading Glazing Compound

PLASTI-GLAZE

Not a putty—but a far better preparation for glazing either wood or glass. Plasti-Glaze adheres so securely to the glass and sash that the joint becomes completely and permanently airproof and waterproof. With only one application, reglazing will never be required.

Plasti-Glaze is ready for use as it comes from the can, at moderate temperature. No thinning or mixing is required. A putty knife is all you need. Plasti-Glaze works equally well on metal sash, primed and unprimed wood. It is an ideal material for all glazing purposes. Try it, NOW.

PLASTIC PRODUCTS CO. INC.
DETROIT • CHICAGO • JERSEY CITY

SUPERIOR ROOFING
For Over 70 Years
On Top Since '79

J. D. Candler
ROOFING COMPANY, INC.
551 E. VERNOR HWY. • DETROIT
D. W. CANDLER • DR. C. L. CANDLER

Call WOODWARD 2-0512

1949 ARCHITECTS SHOW

(Continued)

The final touches on "TOMORROW'S TOWN"

This model is available for use by other architectural groups. The Show Committee will be interested in receiving proposals from those who may be interested.

John S. Coburn

Architectural Photographs

2033 Park Ave. Detroit 26

WO. 2-3945

Taylor & Gaskin, Inc.

3105 BEAUFAIT

ENGINEERS • FABRICATORS

&

ERECTORS

of

Structural Steel and Miscellaneous Iron

Material Handling and Factory Equipment

WAlnut 1-2350 DETROIT 7

WHITCOMB-BAUER FLOORING, INC.

Ironbound Continuous Pattern Mastic Set Flooring
Hardwood Flooring Contractors
Parquet & Plank Floors

10301 LYNDON AVE. DETROIT 21, MICH.

HOgarth 1655 — HOgarth 9683

STROM CONSTRUCTION COMPANY

General Contractors and Builders

First and Lexington **Grand Rapids 4, Michigan**

GLANZ & KILLIAN COMPANY

CONTRACTORS

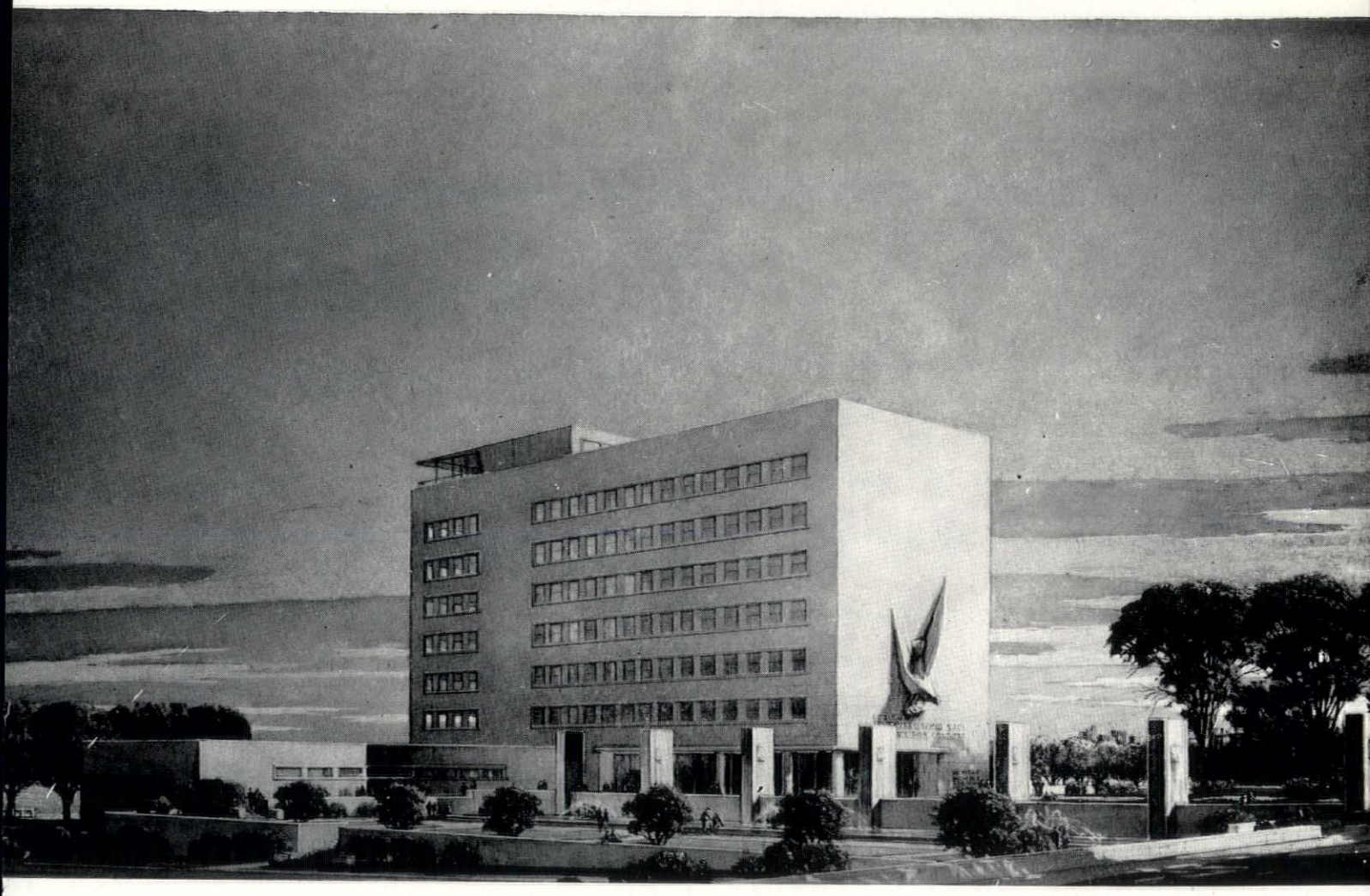
PLUMBING HEATING VENTILATING

FIRE PROTECTION SPRINKLER SYSTEMS

1761 WEST FOREST AVE. **TEmple 1-7820**

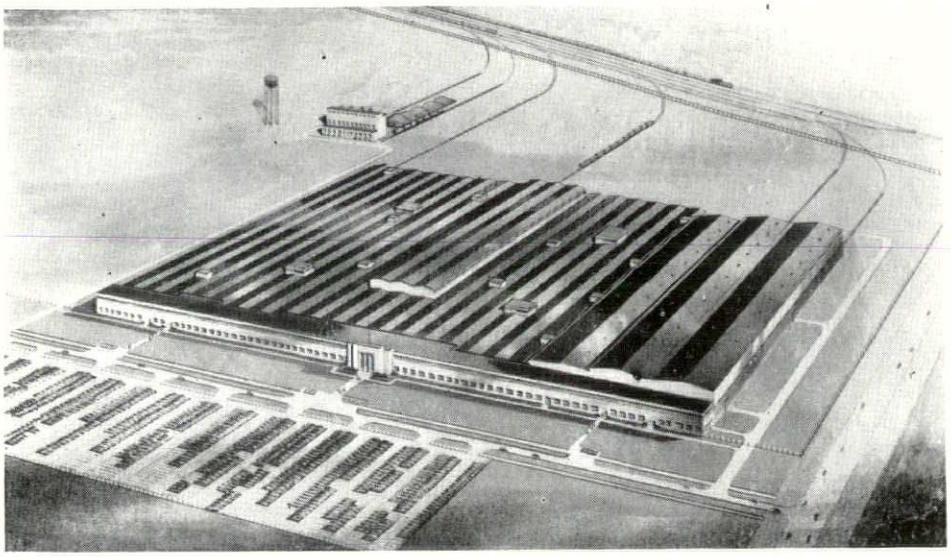
1949 ARCHITECTS SHOW

(Continued)



VETERANS MEMORIAL BUILDING IN DETROIT CIVIC CENTER—MEMORIAL HALL COMMISSION
HARLEY, ELLINGTON AND DAY, INC., ARCHITECTS AND ENGINEERS

More than sixty architects worked to make the Show a success. That it is a success is attested to by the public's acceptance. They come in large numbers, and much favorable comment has resulted.



Chevrolet-Cleveland Parts Manufacturing Division, General Motors Corporation. Albert Kahn Associated Architects and Engineers, Inc.

DaSacco Bros., Inc.
General Contractors
109 W. Pleasant St. River Rouge 18, Mich.
VInewood 2-8573

Detroit Fuel & Supply Co.
Complete Builders' Supplies & Lumber
Producers of Concrete & Cinder Blocks
5625 East Davison Ave., Detroit 12
TW. 1-8400

R. D. THAYER COMPANY
WATERPROOFING ENGINEERS AND CONTRACTORS
2701 Joy Road — DETROIT (6) — TYler 6-9626
842 Hall St., S.E.—GRAND RAPIDS (7)—Ph. 5-5180

H. H. DICKINSON CO.
COMPLETE BUILDERS SUPPLIES
Armored Concrete Curbing
Master Builders Products
HEATILATORS — ASPHALTS
5785 Hamilton Avenue MAdison 4950

NELSON COMPANY
Plumbing, Heating & Air Conditioning Supplies
WHOLESALE
Main Office and Display Room
2604 FOURTH AVE. Phone WO 2-4160
Royal Oak — Grosse Pointe — Ann Arbor

SPECIALIST IN
BUILDERS HARDWARE
Since 1875
THE RAYL COMPANY
228 Congress St. W.
Distributors for Yale

"OVER 65 YEARS"
Robert Hutton & Co., Inc.
ROOFING and SHEET METAL CONTRACTORS
622 FORT ST., E. RAndolph 1073

HANLEY COMPANY
E. F. ZERGA Mgr
CERAMIC GLAZED UNGLAZED FACING TILE
BRICK FLOOR TILE CERAMIC GLAZED TILE
FACE BRICK FLOOR BRICK ACID BRICK
14545 Schaefer VE 7-3200 Detroit 27, Mich.

Patronize Bulletin Advertisers

CINDER BLOCK INC.
VErmont 8-3200
9143 Hubbell
Detroit 28

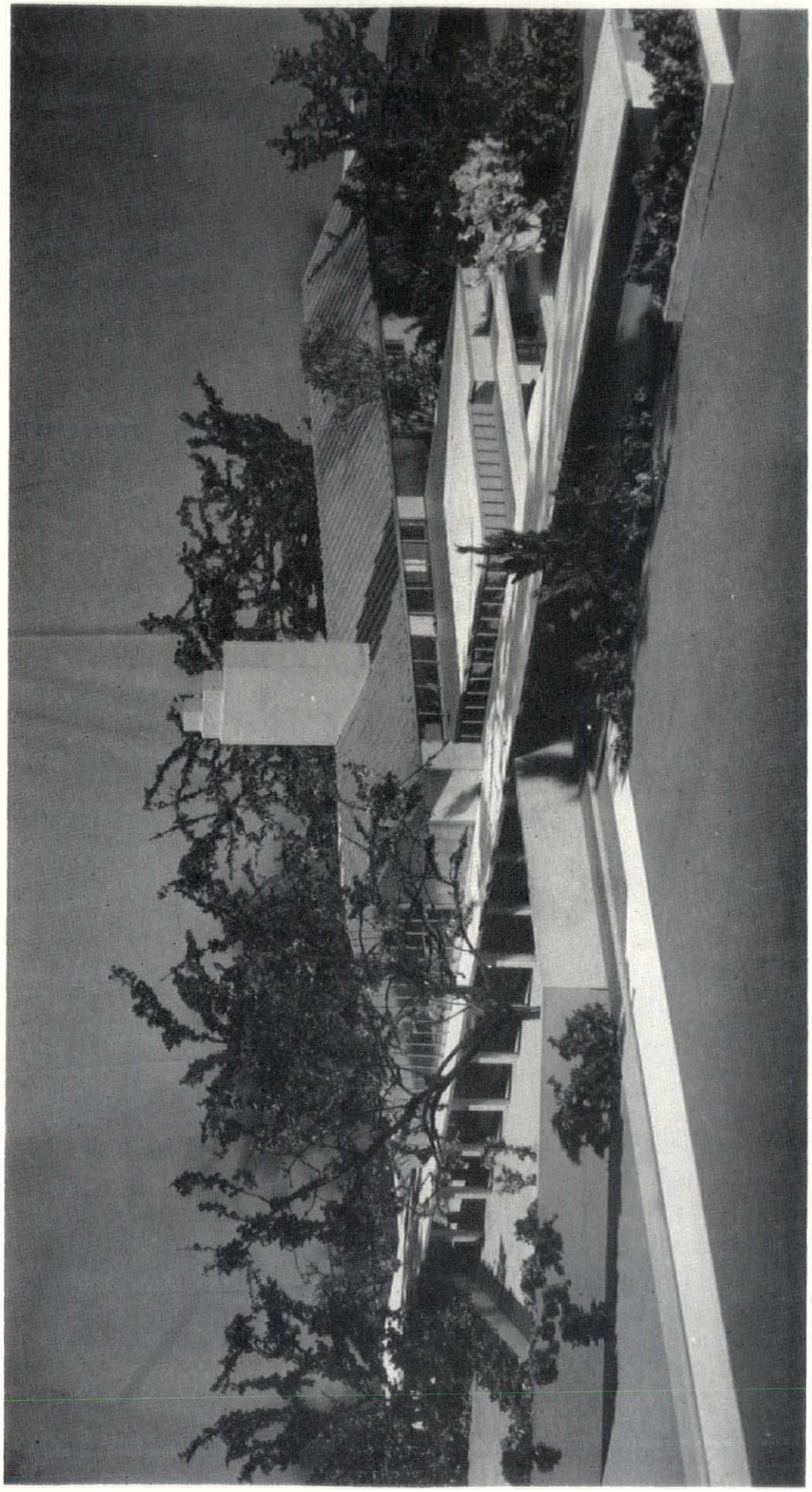
UNiversity 2-3413
DARIN & ARMSTRONG
INCORPORATED
GENERAL CONTRACTORS
2041 FENKELL AVENUE DETROIT

GEORGE A. ODIEN, INC.
UNDERGROUND CONSTRUCTION
TYler 4-0100
1935 McGRAW AVE DETROIT 8

W. T. ANDREW COMPANY
DISTRIBUTOR OF KOHLER FIXTURES
WHOLESALE PLUMBING and HEATING SUPPLIES
15815 Hamilton Avenue Phone: TO. 8-4288 Detroit 3, Michigan

FLINT MOSAIC TILE & TERRAZZO, INC.
G-2441 EAST BRISTOL ROAD, FLINT, MICHIGAN PHONE: FLINT 3-3551

JOHN C. WESTPHAL CO.
GENERAL BUILDERS
Industrial and Commercial Building and Plant Maintenance
15821 Schoolcraft VE. 7-3605 Detroit 27, Michigan



PROPOSED GOVERNOR'S RESIDENCE FOR THE STATE OF MICHIGAN

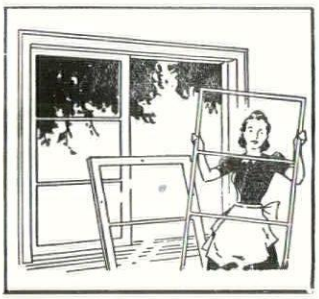
ALDEN B. DOW, ARCHITECT

NEVER BEFORE

A WINDOW LIKE THIS!

ANDERSEN GLIDING WINDOW UNIT

IT GLIDES SIDEWAYS



YOU CAN LIFT IT OUT

It glides sideways, not up and down. No weights, no hinges, no springs.

Equipped with double glass that rides on main sash. It's weather-stripped, leakproof, complete with hardware, precision fitted, made of clear Ponderosa pine, permanently protected against termites and decay.

Made by the world's largest exclusive manufacturers of windows. Be sure to see the Andersen Gliding Window.

USE ANDERSEN

Windowalls

ALSO . .

ANDERSEN CASEMENT WINDOWS
ANDERSEN PRESSURE SEAL UNITS
This is Andersen's new
DOUBLE-HUNG WINDOW UNIT
ANDERSEN BASEMENT WINDOWS

NOTE TO ARCHITECTS . . .

All of these window units are carried in stock in our warehouse at 2127 Fenkell Ave., Detroit. If additional information is wanted, please telephone us and we will be glad to have our representative call.

KIMBALL & WILSON, Inc.
2127 FENKELL AVE.
DETROIT
UNIVERSITY 1-3480
Wholesale Sash and Doors

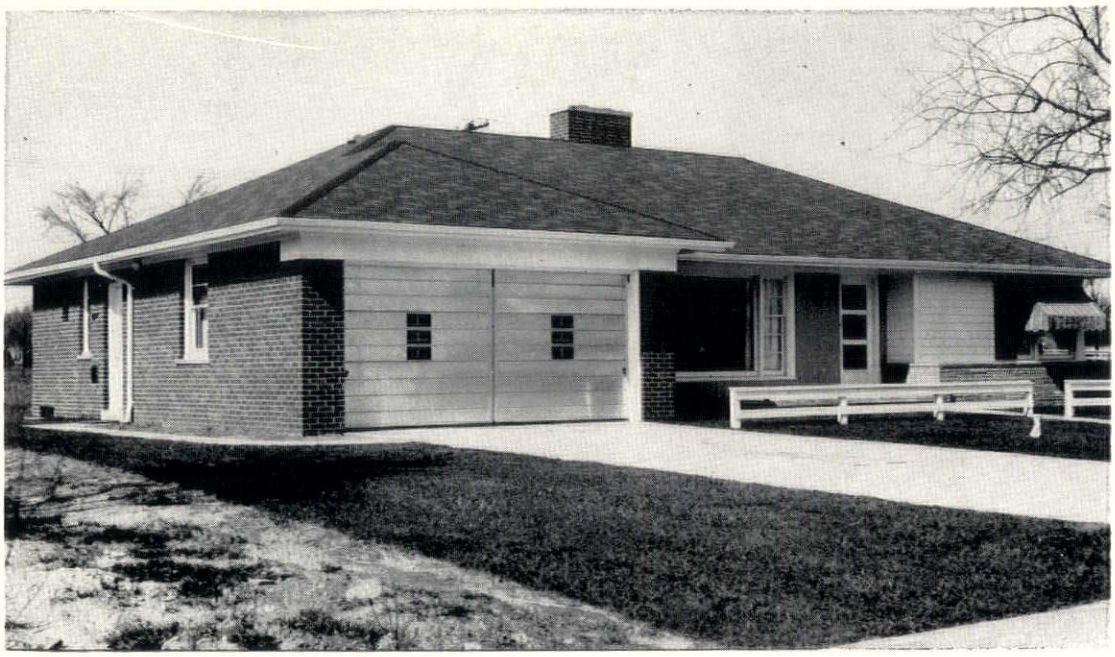
DIRECTORY OF ADVERTISERS

Ace Painting Co. 72
Acorn Iron Works, Inc. 28
Adam, Wm. A. Co. 57
Allied Steel & Conveyors, Inc. 84
Aluminum & Architectural Metals Co. 46
American Brass Co. 5
American - Standard 3
American Structural Products Co. 104
Anaconda Copper Co. 5
Anderson, E. J. 56
Anderson, W. H. Co., Inc. 31
Andrew, W. T. Co. 110
Associated General Contractors of America, The Detroit Chapter, Inc. 4
Auch, Geo. W. Co. 32
Austin's Painters 82
Belden-Stark Brick Co. 31-106
Beltz, Chas. R. & Co. 96
Braun Lumber Co. 14-31
Brodie, J. & Son, Inc. 72
Bruny Bros., Inc. 84
Bryant & Detwiler Co. 50
Burke, O. W. Co. 34-43
Busch, John D. & Sons, Inc. 30
Cadillac Glass Co. 31-104
Campbell Construction Co. 54
Campbell Letter Shop 80
Candler, J. D. Roofing Co. 106
Candler, Wallace, Inc. 72
Carlton-Surrey, Inc. 1
Cauhorn, A. V. Co. 29
Century Brick Co. 40-30
Chapper, F. A. Iron Wks. 32
Cinder Block, Inc. 6-110
Coburn, John S. 108
Concrete Steel Fireproofing Co. 32
Coon-DeVisser Co., The 56
Cooper Construction Co. 40
Couse, Walter L. Co. 112
Covey, Ray W. 32
Crawford Door Sales Co. 16
Crescent Electric Co. 28
Cunningham-Limp Co. ..... 4th Cover
Curtis Companies, Inc. 14
Darin & Armstrong 58-110
DaSacco Bros., Inc. 110
Den Braven, M. Co. 80
Deppmann, R. L. Co. 84
Detroit Alliance Brick Co. 29
Detroit Brick & Block Co. 100
Detroit Brick Mfrs. Assn. 88
Detroit Edison Co., The 20
Detroit Electrical Contractors Assn., Inc. 42
Detroit Fuel & Supply Co., ... 110
Detroit Steel Products Co. 67
Detroit Stoker Co. 28
Detroit Underpinning Co. 96
Dickinson, H. H. Co. 110
Diebold, Inc. 80
Dunn Blue Print Co. 80
Enterprise Heat & Power Co. 88
Fidelity & Deposit Co. of Maryland 46
Filter Engineering & Sales Co. 104
Fireside Printing & Publishing Co. 90
Fisher Wall Paper & Paint Co. 80
Flint Mosaic Tile & Terrazzo, Inc. 110
Flint Sash & Door Co. 28
Freeman, John H. 77
General Electric Supply Co. 26
Glanz & Killian Co. 88-108
Grand Rapids Sash & Door Co. 38
Green, John E. Co. 29
Hall Engineering Co. 86
Hanley Co. 110
Hanna, Zabriskie & Daron 30
Harlan Electric Co. 98
Harrigan & Reid Co. 57
Harty, R. V. Co., Inc. 96
Haven-Busch Co. 48
Heineman & Lovett Co. 46
Hoge-Warren-Zimmermann Co. 47
Holmes, Chas., Hdwe. Co. 48
Holmes, C. L. Co. 46
Horn Fuel & Supply Co. 6
Hunter & Co. 46
Hutton, Robt. & Co., Inc. 110
Ideal Cabinet Corp. 79
Johns-Manville Co. 26
Kent-Moore Organization, Inc. 7
Kimball & Wilson, Inc. 112
Koenig Coal & Supply Co. 30
Krieghoff Co. 31-102
Krieghoff Lenawee Co. 92
Kuhne-Simmons Co., Inc. 64
Kurtz Brick Co. 31
Kutsche, A. W. Co. 79
LaSalle Electric & Mill Supply Co. 22
Leggette, R. E. Co. ..... 2nd Cover
Lerner-Linden Construction Co. 48
Libbey-Owens-Ford Glass Co. 36
Little, J. C. Co. 88
Lorne Plumbing & Heating Co. 90
Lowrie, Albert B. Lumber Co. 14
Lowrie Lumber Co. 14
MacDonald & Kaake, Inc. 47
Mahon, R. C. Co. 12
Malow, N. H. Co. 30
Marsh Wall Products Co. 24
Marshall, A. J. Co. 29
Martin, F. H. Construction Co. 80-112
Master Builders Co., The 30
McConachie, L. L. Co. 58
McFadden Corporation 86
Mechanical Heat & Cold, Inc. 38
Meier Cut Stone Co. 79
Mercier, John A. Brick Co. 48
Michigan Bell Telephone Co. 25
Michigan Consolidated Gas Co. 60
Miller, Donald Co. 54
Morheat Sales Co. 48
Moynes, James A. & Co. 88
Multi-Color Co., The 31
National Bank of Detroit 70
National Fireproofing Corp. 72
Nelson Co. 94-110
Nowak, Steve, Pressed Brick Sales 80
Odien, Geo. A., Inc. 110
O'Loughlin, J. L. Co. 32
Owen-Ames-Kimball Co. 18
Page Plumbing & Heating Co. 48
Pagel's Inc. 60
Petoskey Portland Cement Co. 44
Pittsburgh Plate Glass Co. 80
Plastic Products Co., Inc. 77-106
Porter-Hadley Co. 28
Portland Cement Assn. 39
Rayl Co., The 110
Raymond Concrete Pile Co. 32
Restrick Lumber Co. 14-31
Revere Copper & Brass, Inc. 10
Rogers, Maurice V. Co. 31-44
Rohn Fireproofing Co. 90
R. O. W. 28
Royal Oak Wholesale Co. 28
Ruberoid Co., The 96
Russell Plastering Co. 44
Safway Steel Scaffolds, Inc. 60
Sales, Murray W. & Co. 80
Sherwin-Williams Co. 54
Sibley, F. M. Lumber Co. 31
Simmons, J. L. & Co., Inc. 64
Smith Fireproofing Co. 32
Smith-Orr Co. 90
Spitzley, R. L. Heating Co. 27
Stevens, Frederic B., Inc. 100-112
Stibbard Construction Co. 106
Stiles, Inc. 44
Strom Construction Co. 108
Sutherland & Avery Co. 31
Talbot & Meier, Inc. 32
Tarnow Electric Supply Co. 72
Taylor & Gaskin, Inc. 108
Thayer, R. D. Co. 110
Thomas Brick & Tile Co. 31
Tilt-A-Door Corp. ..... 3rd Cover
Toledo Plate & Window Glass Co., The 31
Trane Co., The 86
Trowell Construction Co. 48
Truscon Laboratories 40
Truscon Steel Co. 2
Turner-Brooks, Inc. 38
Turner Engineering Co. 76
United States Gypsum Co. 68
United States Radiator Co. 104
Utley, J. A. Co. 74
Viking Sprinkler Co. 31-48
Walbridge-Aldinger Co. 52
Western Waterproofing Co. 58
Westover-Kamm Co. 84
Westphal, John C. Co. 110
Whitcomb-Bauer Flooring, Inc. 108
Whitehead & Kales Co. 56
Wolverine Marble Co. 31
Wolverine Porcelain Enameling Co. 96
Wolverine Stone Co. 31
Wood, W. E. Co. 8
Zonolite Co. 38

FREDERIC B. **STEVENS** INCORPORATED
FACE BRICK, GLAZED BRICK, GLAZED AND UNGLAZED TILE, FLOOR TILE—ANTI-HYDRO
For Hardening and Waterproofing Concrete
1800 - 18th St. at Vernor Hwy. TA. 5-0725

F. H. MARTIN CONSTRUCTION CO.
CAdillac 4890
955 E. Jefferson Ave. Detroit, Michigan

WALTER L. COUSE & CO.
GENERAL BUILDERS
12740 Lyndon Ave. VE. 8-0660—1-2-3
DETROIT 27, MICHIGAN



Lifetime Doors of Aluminum for Residential Garages

Available in a variety of designs.

The only door with the patented built-in counter weight—No Springs

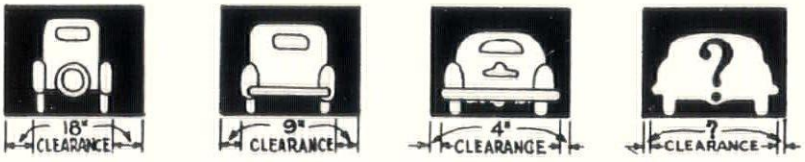
Sold With A Five Year Guarantee

THERE IS NO SUBSTITUTE FOR EXPERIENCE

Since 1935 TILT-A-DOOR has been building metal doors for the residential building trade. The experience gained over this period is reflected in our postwar product. By combining aluminum alloys with steel, we have produced a door 60% lighter than the prewar door, yet actually stronger.

Available in the standard single and Twin Door sizes

Also featuring the new "eight six" doors for the wider automobiles.



YEAR 1927 YEAR 1937 YEAR 1947 YEAR 1950

NOTE

Sketches at the left show how the automobile has outgrown the old 8'-0" wide standard opening.
BE SAFE! Specify the 8'-6" wide Tilt-A-Door.

TILT-A-DOOR CORPORATION

468 East Nine Mile Road Detroit 20, Michigan

JOrdan 4-6780 LIncoln 3-9140

CUNNINGHAM–LIMP COMPANY

GENERAL CONTRACTORS

3087 W. GRAND BOULEVARD

DETROIT 2, MICHIGAN

TRINITY 3-4000

Fireside Ptg. Co., Detroit